

SECRET

SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT



BLACK SHIELD MISSION BX6705

20 JUNE 1967

W
FDD _____
PH _____
RP _____
KB *JS* _____
DB *B* _____
AF _____
NM _____
DJ *MD* _____

NPIC/R-141/67

SEPTEMBER 1967

NGA Review Completed

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

WARNING

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BLACK SHIELD MISSION 6705, 20 JUN 67

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BLACK SHIELD MISSION 6705, 20 JUN 67

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A CONTINUING ANALYSIS OF BLACK SHIELD MISSION BX6705, 20 JUNE 1967. A PRELIMINARY ANALYSIS OF THE HIGH PRIORITY TARGETS COVERED ON THIS MISSION IS CONTAINED IN NPIC PUBLICATION R-118/67.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMIREX NUMBER. THE GEOGRAPHIC COORDINATES ARE DERIVED FROM AMS SERIES JOG (A) 1501, SCALE 1 25,000 AND AMS SERIES L7014, SCALE 1 50,000.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMI-DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

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Missiles

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MISSILES

HUANG-LIU AIR WARNING RADAR FACILITY CH 1832N 10845E

25X1

FACILITY IS SITUATED ON 2 ADJACENT HILLTOPS, 2.5 NM NNW OF HUANG-LIU AND 0.5 NM EAST OF SHANG-KOU. NORTHERN HILL CONTAINS 1 MOON FACE-TYPE RADAR, 1 PROBABLE HEIGHTFINDER AND 1 CONTROL/SUPPORT BUILDING. SOUTHERN HILL CONTAINS 1 PROBABLE BAR LOCK AND 1 CONTROL/SUPPORT BUILDING.

25X1

VINH LINH SAM SITE A25-2 (177) VN 1701N 10655E

25X1

THE AREA HAS BEEN CRATERED BY BOMBS. HOWEVER, ALL 3 UNREVIEWED UNOCCUPIED LAUNCH POSITIONS AND THE UNREVIEWED UNOCCUPIED CENTRAL GUIDANCE AREA ARE STILL USEABLE.

25X1

THAI NGUYEN POSSIBLE MISSILE TRAINING AREA VN 2136N 10555E NO COMRX

IDENTIFICATION ONLY.

25X1

HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AR VN 2056N 10628E NO COMRX

NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.

25X1

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**Air
Facilities**

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AIR FACILITIES

MENG-TZU AIRFIELD WEST

CH 2323N 10320E

[REDACTED] 25X1

IDENTIFICATION ONLY.

[REDACTED]

25X1

HAIPHONG/CAT BI AIRFIELD

VN 2049N 10643E

[REDACTED] 25X1

3.5 NM SE OF HAI PHONG.

7,700 X 190 FT ENE/WSW CONCRETE RUNWAY, SERVICEABLE.

FORMER NNW/SSE CONCRETE RUNWAY IS NOW USED AS A PARKING APRON.

FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 2 END-CONNECTING AND 3 CROSSOVER LINKS, A PARKING APRON IMMEDIATELY NORTH, 2 LARGE AND 1 SMALL HANGARS, AN OPERATIONS/CONTROL BUILDING, APPROXIMATELY 23 ASSOCIATED BUILDINGS, AND AT LEAST 24 OLD AND 8 NEW AIRCRAFT REVETMENTS (WITH EXHAUST VENTS/PERSONNEL EXIT SLITS).

A POL STORAGE AREA 0.4 NM NORTH CONTAINS 3 LARGE BURIED TANKS.

OB -- NONE OBSERVED.

(SEE ATTACHMENT 1)

[REDACTED]

25X1

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

[REDACTED] 25X1

5 NM SW OF HAI PHONG.

5,900 X 150 FT NE/SW SERVICEABLE CONCRETE RUNWAY WITH A PARALLEL TAXIWAY, 1 PARKING APRON, 2 END-CONNECTING LINKS, AND 4 CROSSOVER LINKS (2 APPEAR TO BE UNUSEABLE). THE AIRCRAFT DISPERSAL AREA CONSISTS OF 17 REVETTED HARDSTANDS AND 18 HARDSTANDS RECESSED IN THE BASE OF A HILL IN THE SE PART OF THE AIRFIELD.

SUPPORT FACILITIES INCLUDE 1 LARGE PROBABLE MAINTENANCE BUILDING AND NUMEROUS SUPPORT BUILDINGS. A PROBABLE ILS IS ADJACENT TO THE SW END OF THE RUNWAY.

OB -- NONE OBSERVED.

(SEE ATTACHMENT 2)

[REDACTED]

25X1

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HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

[REDACTED] 25X1

2.1 NM SSW OF HA NOI RAILROAD CLASSIFICATION YARD.
4,100 X 130 FT NW/SE CONCRETE RUNWAY, SERVICEABLE.
FACILITIES INCLUDE A PARALLEL TAXIWAY, A CONCRETE
PARKING APRON NW OF THE RUNWAY, 2 HANGARS, AND
APPROXIMATELY 200 BARRACKS/ADMINISTRATION/STORAGE
BUILDINGS.

OB -- 2 STRAIGHT-WING AIRCRAFT IN HANGAR WITHOUT ROOF.

(SEE ATTACHMENT 3)

[REDACTED]

25X1

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

[REDACTED] 25X1

2.3 NM NE OF HA NOI.
6,550 X 90 FT NNE/SSW SERVICEABLE CONCRETE RUNWAY WITH
A PARALLEL TAXIWAY, 1 END-CONNECTING LINK, 4 CROSSOVER
LINKS, A PARKING APRON, AND 11 REVETTED HARDSTANDS.
5,175 X 250 FT NW/SE PROBABLY SERVICEABLE CONCRETE
RUNWAY WITH A PARALLEL TAXIWAY, 1 END-CONNECTING LINK,
5 CROSSOVER LINKS, 4 PARKING APRONS, AND 19 REVETTED
HARDSTANDS. SUPPORT FACILITIES INCLUDE AN
OPERATIONS/CONTROL BUILDING, 1 LARGE HANGAR, A POL
STORAGE AREA, AND NUMEROUS SUPPORT BUILDINGS.
ACTIVITY -- THREE 8-GUN AAA SITES 0.5 NM NE, 0.5 NM SW,
AND 4 NM SE OF THE NNE/SSW RUNWAY CENTER AND ONE 6-GUN
AAA SITE 0.4 NM NE OF THE NNE/SSW RUNWAY CENTER.
OB -- 16 FAGOT/FRESCO, 2 CRATE (1 WITHOUT LEFT WING), 8
COLT, 1 CREEK, 1 CAB FUSELAGE, AND 2 HOUND.

(SEE ATTACHMENT 4)

[REDACTED]

25X1

PHUC YEN AIRFIELD

VN 2113N 10548E

[REDACTED] 25X1

5.8 NM ESE OF PHUC YEN AT UTM WJ840464.
9,150 X 220 FT ESE/WWN CONCRETE RUNWAY, SERVICEABLE,
WITH 1,200-FT SOD OVERRUNS AT EACH END. FACILITIES
INCLUDE A PARALLEL TAXIWAY WITH 3 CROSSOVER LINKS,
ALERT RAMPS ALONG EACH OF 2 END CROSSOVER LINKS (EACH
CAPABLE OF HANDLING 8 MIG-TYPE AIRCRAFT), TWO 1,600-FT
PARKING APRONS (ONE AT EACH END OF RUNWAY), GCA
FACILITIES, ILS SITES, AND MARKER BEACONS. PARKING
APRON AT THE NORTH END OF THE AIRFIELD HAS REVETTED

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POSITIONS FOR 11 AIRCRAFT. SEVEN REVETTED AIRCRAFT POSITIONS ARE AT THE SOUTHERN END. A HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF THE AIRFIELD CONTAINS APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS, A MULTISTORY CONTROL TOWER, AND AN OPERATIONS BUILDING. AN AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS. AN AREA AT THE WNW END CONTAINS 6 REVETMENTS. A LARGE AIRCRAFT HANGAR AND PARKING RAMP ARE IMMEDIATELY WEST OF THE NORTH PARKING RAMP, ADJACENT TO A TAXIWAY. A TAXIWAY APPROXIMATELY 11,000 FT LONG EXTENDS NORTH FROM THE RUNWAY TO AN AIRCRAFT DISPERSAL AREA WITH 35 AIRCRAFT REVETMENTS (2 UNDER CONSTRUCTION) AND A FIRING-IN BUTT. A SECURED POL STORAGE AREA, 5,000 FT NNW OF THE RUNWAY, CONTAINS 6 BURIED POL TANKS AND A LOOP SERVICE ROAD. OB -- 8 FISHBED, 3 FAGOT/FRESCO, 4 DELTA-WING DECOY/DUMMY, AND 1 PROBABLE DECOY/DUMMY FUSELAGE.

(SEE ATTACHMENT 5)



25X1

KEP AIRFIELD

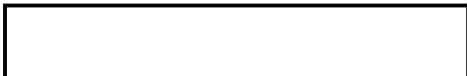
VN 2124N 10616E



25X1

1 NM SW OF KEP AT UTM XJ317663. 5,975 X 155 FT NE/SW, CONCRETE RUNWAY, SERVICEABLE, WITH GRADED EARTH OVERRUNS AT EACH END. RUNWAY CRATERS HAVE BEEN REFILLED AND RUNWAY REMAINS SERVICEABLE. FACILITIES INCLUDE A 475-FT PARKING APRON ON THE NE END, AN OPERATIONS BUILDING WITH A CONTROL TOWER, 5 BARRACKS, 10 SUPPORT BUILDINGS, AND A WEATHER STATION. SIXTEEN LARGE AIRCRAFT REVETMENTS HAVE BEEN COMPLETED AND 12 OTHERS ARE IN EARLY-TO-MID STAGES OF CONSTRUCTION. A POL STORAGE AREA APPEARS TO BE UNDER CONSTRUCTION AT THE NE END OF THE RUNWAY. OB -- 2 PROBABLE FAGOT/FRESCO.

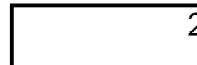
(SEE ATTACHMENT 6)



25X1

YEN BAI AIRFIELD

VN 2143N 10451E



25X1

2.3 NM NW OF YEN BAI. CONSTRUCTION CONTINUES ON THE AIRFIELD. THE MAIN RUNWAY, NOW CLEARLY DELINEATED IN THE CENTER OF THE LEVELED AREA, IS ORIENTED NW/SE WITH OVERALL DIMENSIONS

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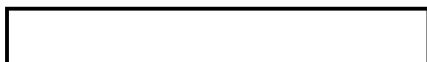
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OF APPROXIMATELY 7,400 X 150 FT. GROUND SCARRING INDICATES EXTENSIVE EARTH MOVING ACTIVITY. NUMEROUS PIECES OF CONSTRUCTION EQUIPMENT ARE OBSERVED.

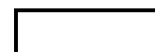
(SEE ATTACHMENT 7)



25X1

HOA LAC AIRFIELD

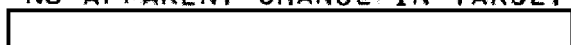
VN 2101N 10530E



25X1

1.4 NM WNW OF HOA LAC.

NO APPARENT CHANGE IN TARGET AREA SINCE BLACK SHIELD

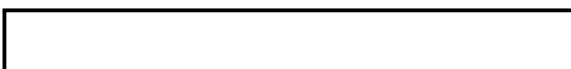


OBLIQUITY PRECLUDES

25X1

DETAILED ANALYSIS.

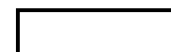
OB -- NONE OBSERVED.



25X1

BAI THUONG AIRFIELD

VN 1954N 10527E



25X1

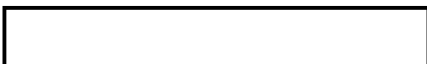
5 NM EAST OF BAI THUONG AT UTM WH480005.

6,600 X 200 FT NW/SE RUNWAY UNDER CONSTRUCTION.

NUMEROUS BOMB CRATERS OBSERVED IN RUNWAY SURFACE AND AIRCRAFT DISPERSAL AREA.

CONSTRUCTION CONTINUES ON AIRFIELD, RUNWAY, AND RELATED FACILITIES.

(SEE ATTACHMENT 8)



25X1

TUYEN QUANG AIRFIELD

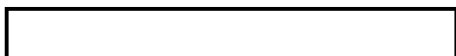
VN 2146N 10514E

NO COMRX

3 NM SSE OF TUYEN QUANG.

2,100 X 150 FT NW/SE SOD RUNWAY, UNSERVICEABLE. TRAILS AND TRENCHES CROSS THE DETERIORATED RUNWAY.

OB -- NONE OBSERVED.



25X1

LAI CHAU AIRFIELD

VN 2203N 10310E

NO COMRX

IMMEDIATELY SE OF LAI CHAU.

2,500 X 100 FT NNE/SSW SOD RUNWAY, PROBABLY UNSERVICEABLE AND ABANDONED.

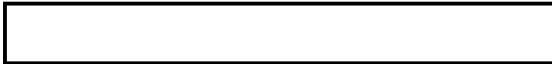
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OB -- NONE OBSERVED.



25X1

SAVANNAKHET VILLE AIRFIELD

LA 1633N 10446E NO COMRX

SE EDGE OF SAVANNAKHET COMPLEX.
APPROXIMATE 6,600 X 200 FT NE/SW PREPARED EARTH RUNWAY,
SERVICEABLE.

FACILITIES INCLUDE 2 PREPARED EARTH LINK TAXIWAYS
CONNECTING THE RUNWAY WITH A LARGE PREPARED EARTH
PARKING APRON, 3 SMALLER PREPARED EARTH PARKING APRONS,
1 HANGAR, 3 MAINTENANCE BUILDINGS, A SMALL OPEN STORAGE
AREA, AND AT LEAST 15 OTHER BUILDINGS.


OB -- 2 C-47, 1 PROBABLE C-47 FUSELAGE, 3 PROBABLE
T-28, 2 SMALL TWIN-ENGINE STRAIGHT-WING, AND 7 SMALL
SINGLE-ENGINE STRAIGHT-WING.



25X1

SENO AIRFIELD

LA 1640N 10501E NO COMRX

17 NM ENE OF SAVANNAKHET.
5,910 X 130 FT ENE/WSW AND  130 FT NE/SW ASPHALT
RUNWAYS, BOTH SERVICEABLE.

25X1

FACILITIES INCLUDE 2 PARALLEL TAXIWAYS, 1 PARKING
APRON, 1 CONTROL TOWER, 1 HANGAR WITH 3 BAYS, AND 17
SUPPORT/MAINTENANCE BUILDINGS. ADDITIONAL FACILITIES
INCLUDE 82 BARRACKS, 11 ADMINISTRATION BUILDINGS, 61
STORAGE BUILDINGS, AND 164 SUPPORT BUILDINGS.

OB -- NONE OBSERVED.



25X1

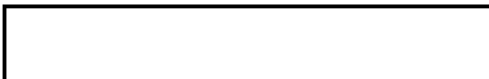
MUONG PHALANE AIRFIELD

LA 1640N 10534E NO COMRX

1.8 NM NW OF MUONG PHALANE.
APPROXIMATELY 2,250 X 100 FT, NATURAL SURFACE RUNWAY,
SERVICEABLE.

FACILITIES INCLUDE 1 NATURAL SURFACE PARKING APRON, 1
MEDIUM SIZE SHED AND 6 SMALL BUILDINGS.

OB -- NONE OBSERVED.



25X1

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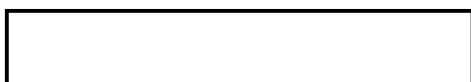
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VINH AIRFIELD

VN 1844N 10540E NO COMRX

3.5 NM NORTH OF VINH.
6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE DUE
TO AIR STRIKES.
FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER
LINK, 2 ALERT APRONS, A PARKING APRON, AND 13 AIRCRAFT
REVTMENTS. ALL SUPPORT STRUCTURES HAVE BEEN
DESTROYED.
OB -- NONE OBSERVED.



25X1

LAO CAI AIRFIELD

VN 2228N 10358E NO COMRX

1 NM SSE OF LAO CAI AT UTM WK953864.
APPROXIMATELY 2,800 X 250 FT NW/SE SOD RUNWAY,
SERVICEABLE.
FACILITIES INCLUDE 1 SUPPORT BUILDING AND 2 SMALL SHEDS
AT THE NW END OF THE RUNWAY.
OB -- NONE OBSERVED.

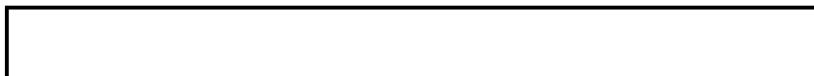


25X1

YAI-HSIEN AIRFIELD

CH 1817N 10927E NO COMRX

3.7 NM NW OF YAI-HSIEN.
4,870 X 210 FT NE/SW CONCRETE RUNWAY, PROBABLY
SERVICEABLE, AND 3,225 X 160 FT NW/SE PROBABLE CONCRETE
RUNWAY, UNSERVICEABLE AND APPARENTLY DETERIORATED.
FACILITIES INCLUDE 2 LINK TAXIWAYS, 3 PARKING APRONS, 1
MEDIUM HANGAR, AND 15 SMALL SUPPORT BUILDINGS.
AIRFIELD IS APPARENTLY INACTIVE.
OB -- NONE OBSERVED.



25X1

PHU THO AIRFIELD

VN 2123N 10512E NO COMRX

0.4 NM SW OF PHU THO.
4,600 X 170 FT E/W GRADED EARTH RUNWAY SUBJECTED TO AIR
STRIKE. APPROXIMATELY 25 BOMB CRATERS VISIBLE IN
RUNWAY SURFACE. RESURFACING OF RUNWAY HAS BEEN
DISCONTINUED. FACILITIES INCLUDE 2 AIRCRAFT REVTMENTS
SOUTH OF THE RUNWAY. NUMEROUS BUILDINGS ON BOTH SIDES
OF THE RUNWAY HAVE BEEN DAMAGED/DESTROYED.

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OB -- NONE OBSERVED.



25X1

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**Naval
Activity/
Ports**

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NAVAL ACTIVITY/PORTS

HAI YEN PORT FACILITIES AND NAVAL BASE VN 1845N 10545E NO COMRX

7 NM NE OF VINH ON NW BANK OF THE SONG CA (RIVER) AT
UTM WF795744.
ALL STRUCTURES ARE DESTROYED/DISMANTLED EXCEPT 1 T-HEAD
PIER WHICH IS DAMAGED.

[REDACTED]

25X1

YEN LUU NAVAL BASE VN 1840N 10544E NO COMRX

ALL NAVAL FACILITIES DESTROYED.
OB -- NONE OBSERVED.

[REDACTED]

25X1

YA-LUNG NAVAL BASE CH 1813N 10941E NO COMRX

AT YA-LUNG.
FACILITIES INCLUDE 1 SMALL GRAVING DOCK, 1 T-HEAD PIER,
FACILITIES INCLUDE 1 SMALL GRAVING DOCK, 1 T-HEAD PIER,
1 T-HEAD PIER UNDER CONSTRUCTION, 1 PIER APPROACH,
NUMEROUS HILLSIDE EXCAVATIONS, AND APPROXIMATELY 100
BUILDINGS INCLUDING ADMINISTRATION BUILDINGS/BARRACKS,
STORAGE BUILDINGS, AND SUPPORT BUILDINGS. EXTENSIVE
CONSTRUCTION OBSERVED THROUGHOUT THE INSTALLATION.
DEFENSES INCLUDE 2 OCCUPIED 4-GUN AAA SITES AND 1
OCCUPIED 6-GUN AAA SITE.
VESSELS -- NUMEROUS SMALL CRAFT.

[REDACTED]

25X1

PHUC LOI NAVAL BASE VN 1843N 10544E NO COMRX

IDENTIFICATION ONLY.

[REDACTED]

25X1

HAI PHONG NAVAL BASE VN 2052N 10640E NO COMRX

SOUTH BANK OF CUA CAM (ESTUARY), AT THE MOUTH OF THE
SONG TRAH BAC (CANAL).
FACILITY CONSISTS OF ONE [REDACTED] GRAVING DOCK WITH

25X1

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[REDACTED] EXTENSION, 3 SMALL MARINE RAILWAYS, 1 DAMAGED
FINGER PIER, 1 T-HEAD PIER, A 240-FT WHARF, 1 LARGE
ADMINISTRATION BUILDING, AND NUMEROUS SHOPS AND SUPPORT
BUILDINGS.
OB -- 1 S.O. 1 SC (SUNK AT PIER).

25X1

[REDACTED]

25X1

HAI PHONG NAVAL FACILITY

VN 2052N 10642E NO COMRX

NE EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM (ESTUARY)
AT UTM XJ770087.
NAVAL BASE CONTAINS 12 BUILDINGS AND AN OFFSHORE WHARF.
OB -- NONE OBSERVED.

[REDACTED]

25X1

HAI PHONG CHANNEL

VN 2050N 10640E NO COMRX

VESSELS -- 2 TANKERS, 2 LARGE-HATCH FREIGHTERS, 7 OTHER
FREIGHTERS, AND 3 POL BARGES.

[REDACTED]

25X1

SUOI RUT BOAT YARD

VN 2045N 10504E NO COMRX

NO APPARENT CHANGE SINCE

[REDACTED]

25X1

[REDACTED]

25X1

VINH SHIPYARD PHUC LOI

VN 1843N 10544E NO COMRX

NO ACTIVITY OBSERVED AT REFERENCED COORDINATES.

[REDACTED]

25X1

BEN THUY COASTAL TRANSSHIPMENT POINT

VN 1839N 10542E NO COMRX

ALL STRUCTURES HAVE BEEN DESTROYED/DISMANTLED.
OFFSHORE WHARF APPEARS TO BE SERVICEABLE WITH 1 COASTAL
FREIGHTER CAPSIZED NEAR THE WHARF.

[REDACTED]

25X1

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THUONG THUY SHIPYARD

VN 2105N 10545E NO COMRX

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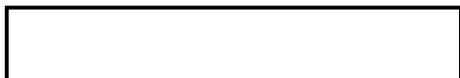


25X1

HA NOI PORT FACILITIES RED RIVER

VN 2100N 10552E NO COMRX

WEST BANK OF THE RED RIVER AT UTM XJ909228.
AREA A -- NUMEROUS RIVER CRAFT SHIPS AT LANG YEN.
SOUTH OF LANG YEN ARE 2 PIERS, ONE WITH OVERHEAD CRANE,
AND COAL OFFLOADING FACILITIES WITH 2 COAL CONVEYORS.
AREA B (UTM WJ929219) -- SINGLE RAIL-SERVED OFFLOADING
WHARF. IMMEDIATELY SOUTH IS A ROAD-SERVED, BARGE
TRANSSHIPMENT POINT, AND A BARGE BUILDING FACILITY WITH
4 MARINE RAILWAYS (2 COVERED).
TWO RAIL-SERVED TRANSSHIPMENT SLIPS ARE AT UTM
WJ938211.
VESSELS -- 32 LARGE CARGO BARGES, 12 COAL BARGES, AND
APPROXIMATELY 100 SMALL RIVER CRAFT.



25X1

HAI PHONG SHIPYARD NO 4 DANCETTE

VN 2052N 10640E NO COMRX

NW EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM (ESTUARY)
AT UTM XJ743080.
FACILITY CONSISTS OF 4 MARINE RAILWAYS, 1 GRAVING DOCK,
1 L-HEAD PIER, 1 PORTAL CRANE, 2 FIXED-JIB CRANES, AND
APPROXIMATELY 10 SUPPORT BUILDINGS.
ACTIVITY -- 1 FLOATING DRY DOCK, 1 BARGE, 1 LARGE POL
BARGE, AND 1 SMALL CRAFT ON MARINE RAILWAY. ONE BARGE
IN GRAVING DOCK.



25X1

KIEN AN SHIPYARD PHUONG CHU

VN 2050N 10634E NO COMRX

0.6 NM EAST OF PHUONG CHU, 7 NM WSW OF HAI PHONG, ON
THE LACH TRA RIVER AT UTM XJ634056.
INSTALLATION CONTAINS 3 PROBABLE BUILDING WAYS, 2
SUPPORT SHEDS IN THE YARD, AND 5 POSSIBLE SUPPORT
BUILDINGS ACROSS THE ROAD.
ACTIVITY -- 12 BARGES (3 MOTORIZED).



25X1

SECRET

**Biological/
Chemical
Warfare**

Page Denied

**Electronics/
Communications**

SECRET

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R-141/67

ELECTRONICS/COMMUNICATIONS

HA NOI HF TELECOMMUNICATIONS SITE PHU COC VN 2051N 10553E NO COMRX

10.3 NM SSE OF HA NOI AND 0.8 NM EAST OF PHU COC AT UTM WJ925075.

FACILITY CONSISTS OF 6 FISHBONE-TYPE ANTENNAS, 3 HORIZONTAL DIPOLE ANTENNAS, AND 6 VEE ANTENNAS. A SECURED CONTROL AREA CONTAINS 1 MULTIWING BUILDING, 2 LARGE BUILDINGS, AND 5 SMALLER BUILDINGS. A SECURED BARRACKS/SUPPORT AREA CONTAINS 4 BARRACKS-TYPE BUILDINGS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, 8 SUPPORT BUILDINGS, AND 5 SMALLER BUILDINGS. A WALL-SECURED BARRACKS AREA LOCATED APPROXIMATELY 200 YDS NE OF THE COMMUNICATIONS SITE CONTAINS 4 MULTISTORY BARRACKS, 1 LARGE ADMINISTRATION BUILDING, 1 LARGE AUDITORIUM, 11 SMALLER SUPPORT BUILDINGS, AND A LARGE WATER TOWER.



25X1

THUAN TON AIR WARNING RADAR FACILITY VN 2059N 10556E NO COMRX

1 NM EAST OF THUAN TON AT UTM WJ985218. FACILITY CONTAINS 2 OCCUPIED REVETMENTS. SCALE PRECLUDES IDENTIFICATION OF ELECTRONIC EQUIPMENT.



25X1

HON MATT (ISLAND) PROBABLE RADAR SITE VN 1847N 10558E NO COMRX

ON HON MATT ISLAND AT UTM XF021780. NO RADAR OBSERVED.



25X1

THANH HOA RADAR SITE VN 1948N 10542E NO COMRX

NO RADAR OBSERVED AT THESE COORDINATES.



25X1

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SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

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HA TINH SUSPECT RADAR SITES

VN 1819N 10555E NO COMRX

NO RADAR OBSERVED AT THESE COORDINATES.



25X1

VINH LINH (HO XA) U/I ELECTRONICS SITE

VN 1705N 10659E NO COMRX

SITE IS ABANDONED.

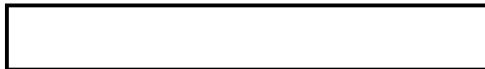


25X1

HA NOI RADIO COMMUNICATIONS STATION NW

VN 2103N 10548E NO COMRX

SOUTH EDGE OF DONG KHO AT UTM WJ835295.
COMMUNICATIONS SITE CONTAINS 20 MASTS ARRANGED IN
RHOMBIC ARRAYS.
AN ASSOCIATED BARRACKS AREA CONTAINS 8 BARRACKS AND 17
STORAGE/SUPPORT BUILDINGS.



25X1

HA NOI VEHICLE & RADAR MAINTENANCE FAC

VN 2102N 10545E NO COMRX

5.1 NM WNW OF HA NOI, ADJACENT TO HA NOI ARMY BARRACKS
WNW MAI DICH AT UTM WJ892270.
FACILITY CONTAINS 4 LARGE VEHICLE MAINTENANCE
BUILDINGS, 1 SAWTOOTH-ROOFED PROBABLE ELECTRONICS
REPAIR BUILDING, 8 VEHICLE SHEDS/SHOPS, 5 VEHICLE
MAINTENANCE RAMPS, 24 BARRACKS (11 WITH INTERCONNECTING
CORRIDORS), 6 ADMINISTRATION BUILDINGS (5 MULTISTORY, 1
U-SHAPED), 1 MESSHALL, 9 STORAGE BUILDINGS, AND 16
SMALL STORAGE/SUPPORT BUILDINGS.



25X1

HA NOI RADIO RECEIVING STATION SON DONG

VN 2102N 10541E NO COMRX

8.6 NM WNW OF HA NOI AT UTM WJ718273.
FACILITY CONSISTS OF 17 SUPPORT BUILDINGS WITHIN A
FENCE-SECURED AREA AND A PERSONNEL BUNKER IMMEDIATELY
NE. SURROUNDING THE CONTROL/SUPPORT AREA ARE 3 LARGE
AND 3 SMALL DOUBLE RHOMBIC ANTENNAS ARRANGED IN
DAY/NIGHT PAIRS, 2 OTHER DOUBLE RHOMBICS, 6 SINGLE
RHOMBICS, AND 6 HORIZONTAL DIPOLES.

SECRET

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25X1

HA NOI RADIO BROADCAST STATION ME TRI VN 2059N 10547E NO COMRX

4.3 NM SW OF HA NOI AND 0.6 NM SSE OF ME TRI.
SECURED FACILITY CONTAINS A DOUBLE-WALLED CONTROL
BUILDING, 2 STEEL LATTICE TOWERS WITH CROSSARMS
SUPPORTING SEVERAL HORIZONTAL ELEMENTS, 2 RHOMBIC
ANTENNAS IN DAY/NIGHT PAIRS, AT LEAST 6 PROBABLE
HORIZONTAL DIPOLE ANTENNAS, AND AT LEAST 8 OTHER MASTS.
SUPPORT FACILITIES INCLUDE A BUNKERED BUILDING AND
APPROXIMATELY 25 OTHER BUILDINGS.

25X1

PHUC YEN EW/GCI SITE VN 2112N 10548E NO COMRX

0.9 NM SOUTH OF PHUC YEN AIRFIELD AT UTM WJ833452.
SITE CONTAINS A REVETTED PROBABLE FLAT FACE RADAR AND A
REVVETTED SINGLE-AXLE GENERATOR TRAILER, 2 UNOCCUPIED
RADAR MOUNDS, 4 UNOCCUPIED VEHICLE REVETMENTS, AND A
REVVETTED BUILDING.

TWO PROBABLE SUPPORT BUILDINGS ARE IMMEDIATELY SOUTH OF
THE SITE. FOUR ADDITIONAL BUILDINGS HAVE DITCHES
LEADING FROM THE VICINITY OF THE 2 GROUPS OF VEHICLE
REVVETMENTS TO ONE OF THE BUILDINGS. THESE 4 BUILDINGS
HAVE BEEN CONSTRUCTED SINCE

25X1

ONE HOUND HELICOPTER IS OBSERVED ON AN OLD AIRSTRIP
NEAR THE RADAR SITE.

25X1

HA DONG COMMUNICATIONS FACILITY VN 2058N 10547E NO COMRX

1.1 NM EAST OF HA DONG AND 3.5 NM SW OF HA NOI.
FACILITY CONSISTS OF A WALL-SECURED CONTROL AREA WITH 1
CONTROL BUILDING, 6 SUPPORT BUILDINGS, A WATER TOWER,
AND A COOLING POND. AN ANTENNA FIELD IMMEDIATELY EAST
AND SOUTH CONTAINS 1 LARGE AND 1 SMALL DOUBLE RHOMBIC
ANTENNAS IN DAY/NIGHT PAIRS AND 6 HORIZONTAL DIPOLES, 4
IN DAY/NIGHT PAIRS.

25X1

SECRET

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CHANG-CHIANG PROBABLE ELECTRONICS SITE CH 1920N 10842E NO COMRX

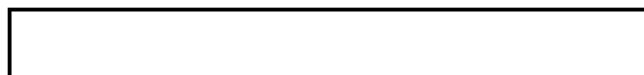
IDENTIFICATION ONLY.



25X1

LING-SHUI AD HQ RADAR FACILITY CH 1826N 11004E NO COMRX

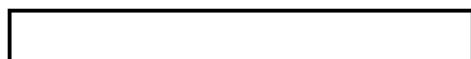
SE EDGE OF LI-AN AND 6 NM SE OF LING-SHUI.
SITE CONSISTS OF 2 REVETTED MOON FACE RADARS, EACH WITH
AN ADJACENT CONTROL/SUPPORT BUILDING.



25X1

TAM DAO EARLY WARNING RADAR SITE VN 2127N 10538E NO COMRX

1.8 NM NNW OF TAM DAO AT UTM WJ672736.
SITE APPEARS TO BE ABANDONED, HOWEVER, CLOUD SHADOW AND
HAZE LIMIT INTERPRETABILITY.

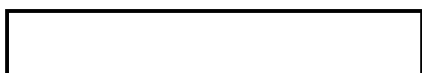


25X1

HA NOI RADIO TRANSMISSION STATION DAI MO VN 2058N 10546E NO COMRX

0.9 NM SE OF DAI MO AND 5.7 NM SW OF HA NOI.
FACILITY CONTAINS A CONTROL AREA SURROUNDED BY AN
ANTENNA FIELD WITH 2 LARGE AND 2 SMALL RHOMBIC ANTENNAS
IN DAY/NIGHT PAIRS, 1 LARGE DOUBLE RHOMBIC ANTENNA, 4
MEDIUM RHOMBIC ANTENNAS IN DAY/NIGHT PAIRS, 2 MEDIUM
RHOMBIC ANTENNAS, 4 VEE ANTENNAS, AND 12 HORIZONTAL
DIPOLE ANTENNAS.

OTHER FACILITIES ARE CONTAINED IN 3 SEPARATE AREAS.
AREA A -- WELL SECURED AREA CONTAINS A DOUBLE-WALLED
TRANSMITTER BUILDING, A CIRCULAR PROBABLE PERSONNEL
BUNKER, 8 SUPPORT BUILDINGS, AND 2 COOLING PONDS.
AREA B -- SECURED SUPPORT AREA IMMEDIATELY NE OF AREA A
CONTAINS 4 PROBABLE BARRACKS, 1 MESSHALL, AND 10
SUPPORT BUILDINGS.
AREA C -- SECURED AREA SE OF AREA A CONTAINS 2 LARGE
BUNKERED BUILDINGS.



25X1

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PHUC YEN RADIO COMMUNICATIONS STATION VN 2114N 10544E NO COMRX

2.8 NM NW OF THE NW END OF THE PHUC YEN RUNWAY AT UTM WJ776484.

SITE IS A MARKER BEACON FOR AN ILS SYSTEM AT THE PHUC YEN AIRFIELD AND CONSISTS OF A HORIZONTAL DIPOLE ANTENNA, A REVETTED CONTROL BUILDING, AND 5 SMALL SUPPORT BUILDINGS.



25X1

HAI PHONG POSSIBLE RADAR SITE VN 2056N 10640E NO COMRX

NO RADAR OBSERVED AT THESE COORDINATES.



25X1

HAI PHONG RADAR SITE VN 2051N 10643E NO COMRX

1.9 NM EAST OF THE CENTER OF HAI PHONG AT UTM XJ787072. SITE IS UNOCCUPIED.

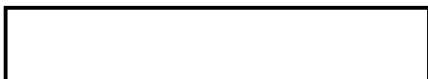


25X1

HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY VN 2059N 10549E NO COMRX

0.6 NM NW OF HANOI/BAC MAI AIRFIELD AND 2.2 NM SW OF HANOI AT UTM WJ860218.

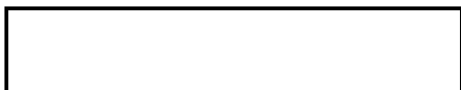
ELECTRONIC EQUIPMENT IS NO LONGER LOCATED AT THIS SITE, NO VEHICLES OR ACTIVITY OBSERVED.



25X1

HANOI/BAC MAI AIRFIELD RADAR SITE VN 2059N 10549E NO COMRX

HANOI/BAC MAI AIRFIELD AT UTM WJ869215. SITE APPEARS TO BE UNOCCUPIED. ONLY 3 SMALL PERMANENT BUILDINGS REMAIN. NO ELECTRONIC EQUIPMENT OR ASSOCIATED VEHICLES OBSERVED.



25X1

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SON TAY AW/GCI RADAR FACILITY

VN 2104N 10532E NO COMRX

IDENTIFICATION ONLY.



25X1

PHUC YEN AIR WARNING/GCI FACILITY

VN 2113N 10553E NO COMRX

4.3 NM ENE OF PHUC YEN AIRFIELD AT UTM WJ918484.
FACILITY CONSISTS OF 4 AREAS, ALL UNOCCUPIED EXCEPT FOR
1 PROBABLE VAN TRAILER AND 1 VAN TRUCK.

AREA A (UTM WJ913488) -- 1 RADAR MOUND, 4 ADJACENT
VEHICLE REVETMENTS, 1 REVETTED BUILDING, AND 3 OTHER
BUILDINGS. ONE VEHICLE REVETMENT IS IMMEDIATELY EAST
OF AREA A.

AREA B (UTM WJ480913) -- 1 RADAR MOUND, 1 UNOCCUPIED
REVETMENT, AND 1 REVETMENT OCCUPIED BY A PROBABLE VAN
TRAILER.

AREA C (UTM WJ918479) -- UNOCCUPIED VEHICLE REVETMENTS.

AREA D (UTM WJ922487) -- 1 UNOCCUPIED VEHICLE REVETMENT
AND 1 VEHICLE REVETMENT OCCUPIED BY A VAN TRUCK.



25X1

NOI BAI RADIO COMMUNICATIONS STATION

VN 2112N 10548E NO COMRX

1.2 NM SE OF PHUC YEN AIRFIELD AT UTM WJ847444.
SITE CONSISTS OF A SECURED AREA CONTAINING 2 BUILDINGS
AND 2 UNOCCUPIED REVETMENTS. THE PREVIOUSLY REPORTED
MAST IS NOT DISCERNIBLE.

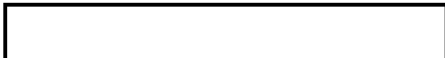


25X1

MY DUC EARLY WARNING RADAR SITE

VN 1952N 10556E NO COMRX

IDENTIFICATION ONLY.



25X1

THAI NGUYEN COMMUNICATIONS FACILITY

VN 2138N 10548E NO COMRX

IDENTIFICATION ONLY.



25X1

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CUA LO RADAR SITE

VN 1849N 10540E NO COMRX

IDENTIFICATION ONLY.

25X1

HA DONG RADAR SITE

VN 2056N 10547E NO COMRX

IDENTIFICATION ONLY.

25X1

HA NOI RADIO RECEIVING STATION SON DONG

VN 2102N 10541E NO COMRX

IDENTIFICATION ONLY.

25X1

HA DONG AW/GCI FACILITY

VN 2059N 10543E NO COMRX

IDENTIFICATION ONLY.

25X1

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**Military
Activity**

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MILITARY ACTIVITY

MENG-TZU ARMY BARRACKS SOUTH

CH 2321N 10323E

IDENTIFICATION ONLY.



VAN HOI MILITARY AREAS

VN 2131N 10454E

3 AREAS IN THE VICINITY OF VAN HOI.

AREA A (UTM VJ906807) IS PARTIALLY DESTROYED OR DISMANTLED, NO BOMB CRATERS DISCERNIBLE. AREA APPEARS TO BE ABANDONED.

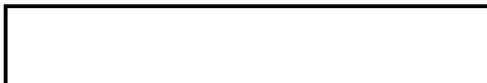
AREA B (UTM VJ899794) APPEARS TO BE ALMOST TOTALLY DISMANTLED AND PARTIALLY UNDER CULTIVATION.

AREA C (UTM VJ940770) CONTAINS BOMB CRATERS AND SEVERAL DAMAGED BUILDINGS. AREA APPEARS TO BE INACTIVE.



NGOC THI BKS SUP DEPOT POSS PW CAMP N-40 VN 2154N 10454E

AREA HAS BEEN SUBJECTED TO AIR STRIKE. APPROXIMATELY 30 BUILDINGS ARE DESTROYED/DISMANTLED. DAMAGE TO REMAINING BUILDINGS IS UNDETERMINED. AREA APPEARS TO BE ABANDONED.



YEN BAI ORDNANCE DEPOT

VN 2142N 10453E

AREA HAS BEEN SUBJECTED TO AIR STRIKE. ALL BUILDINGS APPEAR TO BE DESTROYED OR HEAVILY DAMAGED. NO MILITARY ACTIVITY OBSERVED.



NAM VU BARRACKS AND STORAGE AREA

VN 2144N 10501E

THE OVERALL AREA HAS BEEN ENLARGED WITH MANY NEW BUILDINGS UNDER CONSTRUCTION IN AND AROUND THE ORIGINAL INSTALLATION. VEHICULAR ACTIVITY IS OBSERVED THROUGHOUT THE BARRACKS AND STORAGE AREAS. ENTIRE INSTALLATION APPEARS TO BE BILLETES IN SUPPORT OF

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CONSTRUCTION ON LANG CHI HYDROELECTRIC POWERPLANT.

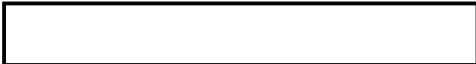


25X1

THAI NGUYEN ARMY SUPPLY DEPOT NORTH

VN 2138N 10551E

2.5 NM NORTH OF THAI NGUYEN AT UTM WJ880927.
INSTALLATION HAS BEEN SUBJECTED TO NUMEROUS AIR
STRIKES. AT LEAST 15 WAREHOUSES APPEAR TO BE
DESTROYED, 2 ARE HEAVILY DAMAGED AND THE REMAINING
BUILDINGS ARE MODERATELY DAMAGED. SMALL SCALE AND
OBLIQUITY LIMIT INTERPRETABILITY.



25X1

25X1

BAC GIANG MILITARY AREA

VN 2117N 10612E

1 NM NORTH OF BAC GIANG AT UTM XJ246537.
INSTALLATION HAS BEEN SUBJECTED TO AIR STRIKE.
AREA ON THE EAST SIDE OF A SMALL ROAD CONTAINING 15
BARRACKS AND 25 SUPPORT BUILDINGS REMAINS INTACT. AREA
ON THE WEST SIDE OF THE ROAD IS COMPLETELY DESTROYED.
NO ACTIVITY OBSERVED.



25X1

TAI XOUAN AMMUNITION DEPOT SE

VN 2143N 10508E

NO COMRX

2 NM SE OF TAI XOUAN AT UTM WK138021.
AREA HAS BEEN SUBJECTED TO AIR STRIKE. FOURTEEN
DESTROYED/HEAVILY DAMAGED BUILDINGS AND 8 BUNKERED
BUILDINGS REMAIN ALONG A CIRCULAR ROAD. SIX BUILDINGS
REMAIN IN THE MAINTENANCE/BARRACKS AREA.



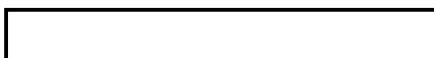
25X1

KY LAM MILITARY CAMP

VN 2143N 10514E

NO COMRX

1.2 NM EAST OF KY LAM AT UTM WK243019.
INSTALLATION CONTAINS 9 PROBABLE BARRACKS, 1
ADMINISTRATION BUILDING, 1 MESSHALL, AND 7 OTHER
BUILDINGS.



25X1

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LANG CA MILITARY AREAS

VN 2141N 10523E NO COMRX

TWO MILITARY AREAS REFERENCED FROM LANG CA.
AREA A (WEST BANK OF SONG DAY AND IN LANG CA AT UTM
WJ404987) -- 17 BARRACKS, 2 ADMINISTRATION BUILDINGS, 2
MESSHALLS, AND NUMEROUS STORAGE/SUPPORT BUILDINGS.
AREA B (2.2 NM NNE OF WEST BANK OF SONG DAY AT UTM
WK429028) -- 4 BARRACKS, 1 ADMINISTRATION BUILDING, 1
MESSHALL, AND 3 SUPPORT BUILDINGS.

[REDACTED]

25X1

TRA LY ARMY BARRACKS

VN 2026N 10631E NO COMRX

0.5 NM WSW OF TRA LY ON SOUTH BANK OF CUA TRA LY
(RIVER) AT UTM XH588604.
SECURED AREA CONTAINS 17 PROBABLE BARRACKS AND 8
PROBABLE SUPPORT BUILDINGS. AT LEAST 12 BUILDINGS HAVE
BEEN DISMANTLED.

[REDACTED]

25X1

DONG SONG MILITARY AREA 2

VN 2053N 10521E NO COMRX

NO CHANGE SINCE [REDACTED]

25X1

[REDACTED]

25X1

DONG SONG MILITARY AREA 1

VN 2053N 10521E NO COMRX

NO CHANGE [REDACTED]

25X1

[REDACTED]

25X1

DONG BEN BARRACKS

VN 2054N 10523E NO COMRX

NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.

[REDACTED]

25X1

HOA BINH MILITARY AREAS

VN 2049N 10520E NO COMRX

THREE PROBABLE MILITARY AREAS IN THE VICINITY OF HOA
BINH.

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AREA A (NORTH BANK OF BLACK RIVER AT WEST EDGE OF HOA BINH AT UTM WJ348022) -- BARRACKS AREA CONTAINS 9 BARRACKS, 2 PROBABLE VEHICLE MAINTENANCE BUILDINGS, 7 SUPPORT BUILDINGS, AND SEVERAL PROBABLE VEHICLES. A TRAINING AREA IS 0.5 NM NW.

AREA B (NORTH BANK OF BLACK RIVER AT SE EDGE OF HOA BINH AT UTM WJ373026) -- BARRACKS AREA CONTAINS 4 BARRACKS (ONE T SHAPED), 2 ADMINISTRATION BUILDINGS (ONE C SHAPED AND ONE T SHAPED), AND 1 SUPPORT BUILDING. BARRACKS AREA IMMEDIATELY WEST CONTAINS APPROXIMATELY 20 BARRACKS (2 HAVE BEEN DESTROYED OR DISMANTLED), 1 CRUCIFORM ADMINISTRATION BUILDING, AND APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS. NO BOMB CRATERS OBSERVED IN THE AREA.

AREA C (SOUTH BANK OF BLACK RIVER AT UTM WJ350014) -- BARRACKS/STORAGE AREA CONTAINS 11 BARRACKS, 4 LARGE ADMINISTRATION BUILDINGS (ONE C SHAPED), 2 SMALL ADMINISTRATION BUILDINGS, 2 VEHICLE MAINTENANCE BUILDINGS, APPROXIMATELY 30 SMALL STORAGE BUILDINGS, AND APPROXIMATELY 20 OTHER BUILDINGS.

[REDACTED]

25X1

HOA BINH ARMY BARRACKS

VN 2047N 10521E

NO COMRX

NO APPARENT CHANGE [REDACTED]

25X1

[REDACTED]

25X1

QUI HAU AMMUNITION DEPOT WEST

VN 2037N 10514E

NO COMRX

NO APPARENT CHANGE [REDACTED]

25X1

[REDACTED]

25X1

LANG NHON BARRACKS AND STORAGE AREAS

VN 2225N 10401E

NO COMRX

VICINITY OF LANG NHON.

AREA A (0.5 NM WEST OF LANG NHON) -- BARRACKS AREA CONTAINS 17 BARRACKS, 2 ADMINISTRATION BUILDINGS, 2 MESSHALLS, 13 STORAGE BUILDINGS, AND 5 SUPPORT BUILDINGS.

AREA B (0.5 NM NW OF LANG NHON) -- RAIL-SERVED STORAGE AREA CONTAINS 11 STORAGE BUILDINGS, 1 ADMINISTRATION

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BUILDING, AND 8 SUPPORT BUILDINGS. NINE STORAGE BUILDINGS ARE ALONG THE ROAD CONNECTING AREAS A AND B.



25X1

HA TINH MILITARY INSTALLATIONS

VN 1820N 10554E

NO COMRX

ALL STRUCTURES IN HA TINH MILITARY INSTALLATIONS HAVE BEEN DESTROYED/DISMANTLED.



25X1

SAVANNAKHET HQ 3RD MIL REGION & SUPPLY DPO LA 1632N 10446E

NO COMRX

SE EDGE OF SAVANNAKHET.

INSTALLATION CONSISTS OF 6 ADJACENT AREAS.

AREA A (0.2 NM SOUTH OF SAVANNAKHET AIRFIELD) -- ACTIVE SMALL-ARMS FIRING RANGE.

AREA B (IMMEDIATELY WEST OF AREA A) -- PARTIALLY SECURED AREA CONTAINS 6 LARGE STORAGE BUILDINGS, 20 SMALL STORAGE BUILDINGS, 1 LARGE WAREHOUSE-TYPE BUILDING UNDER CONSTRUCTION, 1 PROBABLE ADMINISTRATION BUILDING, AND AN OPEN STORAGE AREA.

AREA C (IMMEDIATELY WEST OF AREA B) -- SECURED POL STORAGE AREA CONTAINS 4 LARGE EMPTY REVETMENTS, AND 2 SUPPORT BUILDINGS.

AREA D (IMMEDIATELY SE OF AREA C) -- SECURED BARRACKS/STORAGE AREA CONTAINS 13 BARRACKS, 2 M-ROOFED STORAGE BUILDINGS AND A TRIPLE-SECURED AREA. A SMALL STORAGE AREA IMMEDIATELY SE CONTAINS 5 SMALL STORAGE BUILDINGS.

AREA E (IMMEDIATELY SE OF AREA D) -- SECURED BARRACKS AREA CONTAINS 15 BARRACKS, 2 ADMINISTRATION BUILDINGS, 1 STORAGE BUILDING, AND 2 SUPPORT BUILDINGS. A STORAGE AREA IMMEDIATELY SW CONTAINS 1 T-SHAPED STORAGE BUILDING AND 12 OTHER STORAGE BUILDINGS.

AREA F (IMMEDIATELY SE OF AREA E) -- SECURED BARRACKS AREA CONTAINS 4 QUADRANGLES WITH 5 BARRACKS EACH, 6 LARGE STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 5 SUPPORT BUILDINGS.



25X1

SECRET

SECRET

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SAVANNAKHET QUARTERMASTER DEPOT

LA 1634N 10445E NO COMRX

NE EDGE OF SAVANNAKHET.
STORAGE AREA CONTAINS 16 STORAGE BUILDINGS AND 2
ADMINISTRATION BUILDINGS. NO ACTIVITY OBSERVED.



25X1

KEP AIRFIELD BARRACKS & STORAGE AREA

VN 2122N 10616E NO COMRX

1.2 NM SE OF KEP AIRFIELD IN THE VICINITY OF UTM
XJ325643 AND UTM XJ650333.
STORAGE AREA CONSISTS OF APPROXIMATELY 38 SMALL
RETTED STORAGE BUILDINGS DISPERSED AMONG LOW HILLS.
NUMEROUS STRUCTURES (APPARENTLY CIVILIAN) ARE SCATTERED
THROUGHOUT THE STORAGE AREA.

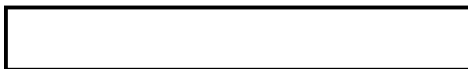


25X1

YEN KHOAI ARMY BKS AND AMMO DEPOT

VN 2110N 10522E NO COMRX

1.5 NM NE OF CAM DAI.
INSTALLATION CONTAINS 25 BARRACKS, 7 ADMINISTRATION
BUILDINGS, 12 STORAGE/VEHICLE MAINTENANCE BUILDINGS, 6
RETTED AMMUNITION STORAGE BUILDINGS, 6 MESSHALLS, AND
APPROXIMATELY 20 SUPPORT BUILDINGS.
A SEPARATELY SECURED AMMUNITION STORAGE AREA
IMMEDIATELY WSW CONTAINS 8 RETTED AMMUNITION STORAGE
BUILDINGS.



25X1

SAVANNAKHET ARMY SUPPLY DEPOT

LA 1634N 10445E NO COMRX

FIVE SEPARATE AREAS IN THE VICINITY OF SAVANNAKHET.
(AREAS B-E REFERENCED FROM AREA A.)
AREA A (NORTHERN EDGE OF SAVANNAKHET) -- SECURED AREA
CONTAINS 1 SAWTOOTH-ROOFED BUILDING, 17 LARGE
WAREHOUSES, AND APPROXIMATELY 20 SMALLER PROBABLE
STORAGE BUILDINGS. A BARRACKS AREA IN THE CENTER OF
THE DEPOT CONTAINS 14 BARRACKS, 1 PROBABLE
ADMINISTRATION BUILDING, AND 13 SUPPORT BUILDINGS.
AREA B (IMMEDIATELY NORTH) -- APPROXIMATELY 40
PARTIALLY SECURED SMALL HUTS.
AREA C (IMMEDIATELY SW) -- PARTIALLY SECURED
MAINTENANCE/STORAGE AREA CONTAINS 1 L-SHAPED PROBABLE

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VEHICLE MAINTENANCE BUILDING, 6 STORAGE BUILDINGS, SEVERAL SMALL BUILDINGS, AND OPEN AIR STORAGE. AREA D (IMMEDIATELY WEST) -- BARRACKS/STORAGE AREA CONTAINS 4 BARRACKS, 1 PROBABLE ADMINISTRATION BUILDING, 2 M-ROOFED STORAGE BUILDINGS, 4 OTHER STORAGE BUILDINGS, 1 VEHICLE MAINTENANCE BUILDING, AND 7 STORAGE/SUPPORT BUILDINGS. NUMEROUS VEHICLES OBSERVED. AREA E (IMMEDIATELY SOUTH) -- BARRACKS/STORAGE AREA CONTAINS 7 BARRACKS, 1 ADMINISTRATION BUILDING, AND 14 STORAGE BUILDINGS, OPEN STORAGE, AND NUMEROUS VEHICLES.

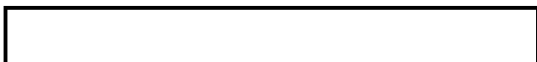


25X1

SAVANNAKHET SIGNAL DEPOT SE

LA 1632N 10447E NO COMRX

2 NM SE OF SAVANNAKHET AT UTM VD765289. FENCED AREA CONTAINS 47 SMALL PROBABLE STORAGE BUILDINGS AND 2 OTHER SMALL BUILDINGS. A SECOND FENCED AREA IMMEDIATELY SE CONTAINS 12 BUILDINGS.



25X1

VINH BARRACKS AREA MY HAN

VN 1842N 10538E NO COMRX

3.1 NM NNW OF VINH AT UTM WF684693. BARRACKS AREA HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES. ALL BUILDINGS APPEAR TO BE DESTROYED/DISMANTLED.



25X1

DAN HOI ARMY BARRACKS SOUTH

VN 2103N 10543E NO COMRX

1 NM SE OF DAN HOI AT UTM WJ751295. INSTALLATION CONTAINS 27 BARRACKS, 4 ADMINISTRATION BUILDINGS, 8 STORAGE BUILDINGS, AND 10 SUPPORT BUILDINGS.



25X1

NHUE THON MILITARY CAMPS

VN 1954N 10532E NO COMRX

0.7 NM WEST OF NHUE THON. INSTALLATION CONSISTS OF 3 MILITARY CAMPS AND A STORAGE

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FACILITY.

AREA A (UTM WH563018) -- 6 BARRACKS, 3 ADMINISTRATION BUILDINGS, 3 STORAGE BUILDINGS, AND 3 POSSIBLE AMMUNITION STORAGE BUILDINGS.

AREA B (UTM WH558014) -- 3 PROBABLE BARRACKS, 1 LARGE MULTISTORY ADMINISTRATION BUILDING, 2 H-SHAPED MESSHALLS, 1 STORAGE/MAINTENANCE BUILDING, AND AT LEAST 12 SUPPORT BUILDINGS. OTHER FACILITIES INCLUDE 1 ATHLETIC FIELD.

AREA C (UTM WH559026) -- 6 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 4 STORAGE BUILDINGS (2 NOT ROOFED).

AREA D (UTM WH552027) -- STORAGE AREA CONTAINS 3 PROBABLE BARRACKS, 5 PROBABLE VEHICLE SHEDS, AND 7 SUPPORT BUILDINGS.

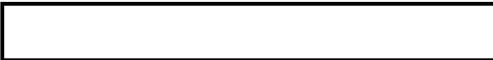


25X1

MY HOA MILITARY CAMP

VN 2002N 10532E NO COMRX

NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.



25X1

THANH HOA ARMY BARRACKS

VN 1948N 10546E NO COMRX

OLD CITADEL IN THE CENTER OF THANH HOA AT UTM XG816905. AREA HAS BEEN SUBJECTED TO REPEATED AIR STRIKES. TWO MULTISTORY PROBABLE HEADQUARTERS BUILDINGS AND 4 ADMINISTRATION BUILDINGS REMAIN INTACT. ALL OTHER BUILDINGS ARE DESTROYED OR DAMAGED.

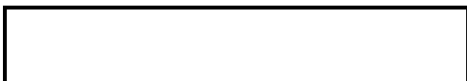


25X1

THAI NGUYEN HQ MILITARY REGION VIET BAC

VN 2137N 10550E NO COMRX

1.7 NM NORTH OF THAI NGUYEN AT UTM WJ877913. FACILITY CONTAINS 28 BARRACKS, 4 ADMINISTRATION BUILDINGS, 7 STORAGE BUILDINGS, 3 MESSHALLS, AND 30 OTHER BUILDINGS.



25X1

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HUNG HOA MILITARY AREA

VN 2113N 10521E NO COMRX

0.5 NM NNE OF PHU NHIEU AND 1 NM EAST OF PHU HUU AT UTM WJ370470.

AREA CONTAINS APPROXIMATELY 17 BARRACKS, 24 PROBABLE STORAGE BUILDINGS, 3 AMMUNITION STORAGE BUILDINGS, 7 POSSIBLE ADMINISTRATION BUILDINGS, 5 MESSHALLS, AND APPROXIMATELY 40 SUPPORT BUILDINGS AND SHEDS.



25X1

CANH THUY PROBABLE STORAGE AREA

VN 2112N 10615E NO COMRX

0.9 NM NW OF CANH THUY AT UTM XJ302455.

CONSTRUCTION APPEARS TO BE COMPLETE. AREA CONSISTS OF 42 STORAGE BUILDINGS (4 IN NARROW VALLEY). A SECURED PROBABLE ADMINISTRATION AREA WITH APPROXIMATELY 20 BUILDINGS AND A PARADE FIELD IS 0.6 NM SOUTH WITHIN AN UNNAMED VILLAGE.



25X1

HA NOI WAREHOUSE AREA SOUTHEAST

VN 2100N 10552E NO COMRX

SOUTH BANK OF THE RED RIVER IMMEDIATELY NORTH OF VINH TUY AND APPROXIMATELY 3 NM SE OF HA NOI AT UTM WJ913225.

RIVER PORT AREA CONTAINS FACILITIES FOR HANDLING AND STORAGE OF COAL, SAND, GRAVEL, AND OTHER BULK PRODUCTS. EXTENSIVE STORAGE FACILITIES INCLUDE 72 STORAGE BUILDINGS, 3 ADMINISTRATION BUILDINGS, AND 22 SUPPORT BUILDINGS.

AN OPEN STORAGE AREA CONTAINS STACKS OF PROBABLE LOGS.



25X1

GIAP NHAT SUPPLY & MAINTENANCE FACILITY

VN 2058N 10550E NO COMRX

4 NM SOUTH OF HA NOI.

FACILITY CONSISTS OF 2 AREAS, BOTH HAVE BEEN SUBJECTED TO NUMEROUS AIR STRIKES.

AREA A (UTM WJ879194) -- ONLY 17 BUILDINGS REMAIN. NO ACTIVITY OBSERVED.

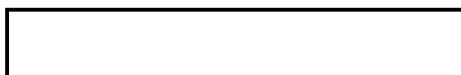
AREA B (UTM WJ879199) -- 18 VEHICLE MAINTENANCE BUILDINGS (4 DESTROYED) AND 7 STORAGE/SUPPORT BUILDINGS. NO ACTIVITY OBSERVED.

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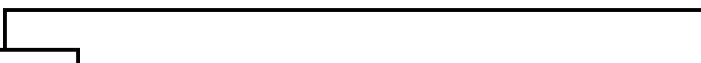
25X1

SON DONG STORAGE

VN 2105N 10530E

NO COMRX

NO APPARENT CHANGE



25X1



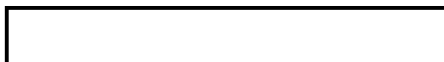
25X1

DONG BEN STORAGE AREA

VN 2054N 10523E

NO COMRX

NO MILITARY ACTIVITY OBSERVED AT THESE COORDINATES.



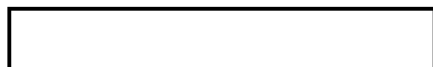
25X1

HA TINH MILITARY CAMP

VN 1819N 10552E

NO COMRX

INSTALLATION COMPLETELY DESTROYED/DISMANTLED.



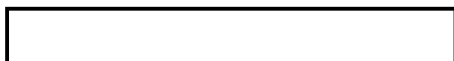
25X1

LANG QUAN PROBABLE MILITARY CAMP

VN 2215N 10448E

NO COMRX

INSTALLATION COMPLETELY DISMANTLED.



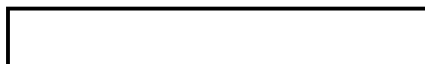
25X1

MY NGOC BARRACKS AREA

VN 1820N 10546E

NO COMRX

INSTALLATION COMPLETELY DESTROYED/DISMANTLED.



25X1

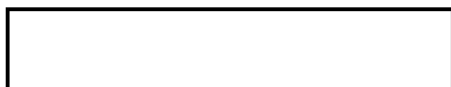
NAM SON BARRACKS

VN 1844N 10543E

NO COMRX

5.3 NM NE OF VINH AT UTM WF765722.

ONE LARGE ADMINISTRATION BUILDING REMAINS STANDING, ALL OTHERS HAVE BEEN DESTROYED/DAMAGED.



25X1

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CHAP LE ARMY BARRACKS NORTHWEST VN 1707N 10657E NO COMRX

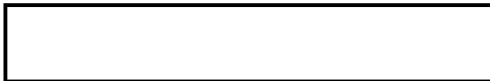
ALL STRUCTURES DESTROYED, SEVERELY DAMAGED, OR
DISMANTLED.



25X1

VINH LINH BARRACKS SW VN 1703N 10658E NO COMRX

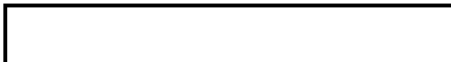
ALL STRUCTURES DESTROYED, SEVERELY DAMAGED, OR
DISMANTLED.



25X1

LA HAN PROBABLE MILITARY AREA VN 2021N 10513E NO COMRX

INSTALLATION COMPLETELY DESTROYED.



25X1

VINH LINH ARMY BARRACKS VN 1710N 10703E NO COMRX

ALL BUILDINGS DESTROYED/DISMANTLED.



25X1

DAD TU MILITARY CAMP VN 2120N 10533E NO COMRX

NO MILITARY ACTIVITY OBSERVED.



25X1

SA LUNG STORAGE AREA VN 1702N 10659E NO COMRX

AREA IS ABANDONED AND ALL BUILDINGS DESTROYED.



25X1

VINH LINH ARMY BARRACKS SA LUNG VN 1702N 10659E NO COMRX

AREA RAZED AND ABANDONED.



25X1

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BEN QUANG ARMY BARRACKS SE

VN 1659N 10657E

NO COMRX

ALL STRUCTURES DESTROYED/DISMANTLED.



25X1

BEN QUANG ARMY BARRACKS SOUTHWEST

VN 1700N 10656E

NO COMRX

ALL STRUCTURES DESTROYED/DISMANTLED.



25X1

HA SON TRANG BARRACKS AREAS

VN 1750N 10605E

NO COMRX

AREA COMPLETELY DESTROYED AND APPEARS TO BE ABANDONED.



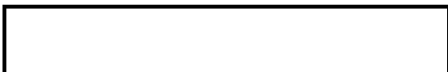
25X1

MUI RON (CAPE) MILITARY AREA

VN 1807N 10625E

NO COMRX

NO RADAR OBSERVED AT THESE COORDINATES.



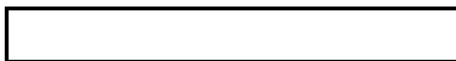
25X1

YEN PHU ARMY BARRACKS NE

VN 1915N 10546E

NO COMRX

INSTALLATION COMPLETELY DESTROYED.



25X1

YEN CAT MILITARY BARRACKS

VN 1945N 10550E

NO COMRX

0.8 NM WNW OF YEN CAT AT UTM WG886846.
AREA HAS BEEN SUBJECTED TO AIR STRIKE AND CONSISTS OF 3
SUPPORT BUILDINGS. ALL OTHER BUILDINGS HAVE BEEN
DESTROYED, AND THE AREA APPEARS TO BE ABANDONED.



25X1

THANH HOA ARMY BARRACKS SOUTH

VN 1946N 10546E

NO COMRX

TWO AREAS SW OF KIEU DAI.
AREA A (UTM WG815870) -- 6 BARRACKS DESTROYED AND 2

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BARRACKS INTACT. ONE H-SHAPED MESSHALL AND 8 SUPPORT BUILDINGS ARE DESTROYED. TWO SUPPORT BUILDINGS REMAIN INTACT.

AREA B (UTM WG812865) -- 2 MULTISTORY BARRACKS HEAVILY DAMAGED, 1 MULTISTORY BARRACKS MODERATELY DAMAGED, AND 1 MULTISTORY BARRACKS WITH LIGHT ROOF DAMAGE, 2 SINGLE-STORY BARRACKS WITH LIGHT ROOF DAMAGE, ONE ADMINISTRATION BUILDING REMAINS INTACT, 2 SUPPORT BUILDINGS WITH LIGHT ROOF DAMAGE, AND 11 SUPPORT BUILDINGS DESTROYED.

[REDACTED]

25X1

PHUNG LOC ARMY BARRACKS WEST

VN 1949N 10535E

NO COMRX

ALL BUILDINGS DESTROYED/DISMANTLED.

[REDACTED]

25X1

BAI THUONG ARMY BARRACKS NE

VN 1954N 10527E

NO COMRX

ENTIRE BARRACKS AREA DESTROYED/DISMANTLED.

[REDACTED]

25X1

THAI NGUYEN MILITARY CAMP

VN 2134N 10551E

NO COMRX

1.7 NM SSE OF THAI NGUYEN AT UTM WJ883849. FACILITY CONTAINS 11 BARRACKS, 4 ADMINISTRATION BUILDINGS, 2 PROBABLE MESSHALLS, AND 10 SUPPORT/STORAGE BUILDINGS.

[REDACTED]

25X1

PHUC YEN ARMY BARRACKS

VN 2113N 10542E

NO COMRX

THREE AREAS REFERENCED FROM PHUC YEN.

AREA A (0.8 NM SOUTH AT UTM WJ734474) -- SECURED AREA CONTAINS 9 BARRACKS, 1 ADMINISTRATION BUILDING, AND 5 SUPPORT BUILDINGS.

AREA B (1.2 NM SE AT UTM WJ742462) -- SECURED AREA CONTAINS FOUR 2-STORY BARRACKS, 2 ADMINISTRATION BUILDINGS (ONE C SHAPED), 9 SUPPORT BUILDINGS, AND 7 OTHER BUILDINGS.

AREA C (1.3 NM SSE AT UTM WJ743461) -- TRAINING AREA

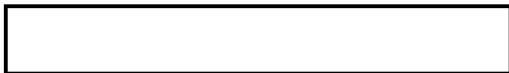
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CAN BE IDENTIFIED ONLY.



25X1

TRAI THON ARMY BARRACKS

VN 2120N 10609E NO COMRX

1 NM NE OF TRAI THON AT UTM XJ196600.
AREA CONTAINS 11 BARRACKS, 1 LARGE AND 2 SMALL
ADMINISTRATION BUILDINGS, AND 7 SUPPORT BUILDINGS. AN
ATHLETIC FIELD IS OBSERVED ON THE NW EDGE.
VEHICLES -- NONE OBSERVED.



25X1

HA NOI AREA ARMY BARRACKS WEST YEN LANG

VN 2101N 10549E NO COMRX

1.9 NM WSW OF HA NOI RAILROAD CLASSIFICATION YARD AT
UTM WJ853248.
FENCED AREA CONTAINS 1 MICROWAVE TOWER, A METEOROLOGICAL
STATION, 40 PROBABLE BARRACKS, 4 ADMINISTRATION
BUILDINGS, AND SEVERAL SUPPORT BUILDINGS.
THREE POSSIBLY ASSOCIATED PARTIALLY FENCED AREAS ON THE
EAST AND SE EDGES OF CAMP CONTAIN A TOTAL OF 8 LARGE
MULTISTORY ADMINISTRATION BUILDINGS AND APPROXIMATELY
30 SMALLER BUILDINGS.

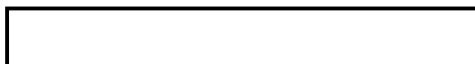


25X1

HA NOI ARMY BARRACKS WEST MAI DICH

VN 2102N 10546E NO COMRX

THREE POSSIBLE MILITARY AREAS ON THE EAST AND WEST
EDGES OF MAI DICH.
AREA A (WEST EDGE OF MAI DICH) -- 3 FENCED SUBAREAS
CONTAIN 19 MULTISTORY BARRACKS-TYPE BUILDINGS, 8
MULTISTORY ADMINISTRATION BUILDINGS, AND NUMEROUS SMALL
SUPPORT BUILDINGS.
AREA B (EAST EDGE OF MAI DICH) -- BARRACKS AREA
CONTAINS 75 BARRACKS (10 MULTISTORY), 7
ADMINISTRATION/SUPPORT BUILDINGS, 4 ADMINISTRATION
BUILDINGS (1 MULTISTORY), 2 LARGE MESSHALLS, AND
NUMEROUS OTHER BUILDINGS.
AREA C (0.5 NM EAST OF MAI DICH) -- SECURED AREA
CONTAINS 12 BARRACKS, 8 ADMINISTRATION BUILDINGS, AND
20 SUPPORT BUILDINGS.



25X1

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HA NOI PROBABLE MILITARY AREA

VN 2102N 10548E

NO COMRX

2.5 NM NW OF THE HA NOI RAILROAD CLASSIFICATION YARD. INSTALLATION CONTAINS 10 MULTISTORY BARRACKS, FIVE 2-STORY BARRACKS, 3 ADMINISTRATION BUILDINGS, 1 MESSHALL, 1 U-SHAPED VEHICLE MAINTENANCE/STORAGE BUILDING, AND 16 STORAGE/SUPPORT BUILDINGS.



25X1

NINH DUONG ARMY BARRACKS SW NGA MY

VN 2051N 10545E

NO COMRX

0.5 NM ENE OF NGA MY AT UTM WJ792069. SECURED CAMP CONTAINS 41 BARRACKS, 7 ADMINISTRATION BUILDINGS, 3 MESSHALLS, 1 H-SHAPED BUILDING FOUNDATION, 3 REVETTED STORAGE BUILDINGS, 7 STORAGE BUILDINGS, 5 SUPPORT BUILDINGS, AND AN ATHLETIC FIELD.



25X1

VAN PHAI BARRACKS AREAS

VN 2122N 10553E

NO COMRX

0.7 NM ESE OF VAN PHAI AT UTM WJ902637. THREE SEPARATE AREAS IN THE VICINITY OF VAN PHAI. AREA A (UTM WJ901643) -- BARRACKS AND STORAGE AREA CONSISTS OF 3 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, 1 REVETTED STORAGE BUILDING, AND 4 OTHER STORAGE BUILDINGS. AREA B (UTM WJ901636) -- STORAGE AREA CONSISTS OF 16 STORAGE BUILDINGS AND 1 SUPPORT BUILDING. AREA C (UTM WJ905635) -- BARRACKS AREA CONSISTS OF 4 BARRACKS, 1 ADMINISTRATION BUILDING, AND 1 MESSHALL.



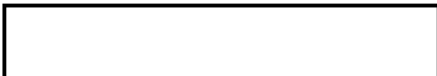
25X1

YEN SO BARRACKS AREA

VN 2102N 10540E

NO COMRX

0.4 NM WSW OF YEN SO AT UTM WJ702263. FACILITY CONSISTS OF 7 BARRACKS (ONE 2 STORY), 1 ADMINISTRATION BUILDING, 1 MESSHALL, 4 SUPPORT BUILDINGS, AN ATHLETIC FIELD, AND AN OBSTACLE COURSE. TRENCHING IS VISIBLE THROUGHOUT THE AREA.



25X1

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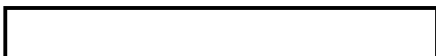
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PHUC YEN AIRFIELD BARRACKS

VN 2116N 10549E

NO COMRX

4.3 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ852532.
AREA CONSISTS OF SEVEN 2-STORY BARRACKS, 7 OTHER
BARRACKS, 1 Z-SHAPED ADMINISTRATION BUILDING, 1
AUDITORIUM, 6 SUPPORT BUILDINGS, 2 MESSHALLS, AND 1
VEHICLE MAINTENANCE BUILDING.
AREA HAS DIRECT ROAD ACCESS TO THE NORTHERN AIRCRAFT
DISPERSAL AREA OF PHUC YEN AIRFIELD.



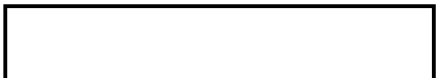
25X1

HA NOI ARMY BARRACKS NNW THUY PHUONG

VN 2104N 10546E

NO COMRX

4.8 NM NW OF HA NOI RAILROAD CLASSIFICATION YARD.
FENCED INSTALLATION CONTAINS 56 BARRACKS, 3
ADMINISTRATION BUILDINGS, 11 STORAGE BUILDINGS, 33
SUPPORT BUILDINGS, AND AN ATHLETIC FIELD.



25X1

COT NGANH ARMY BARRACKS WEST

VN 2124N 10551E

NO COMRX

1 NM SW OF COT NGANH AT UTM WJ892677.
BARRACKS AND STORAGE AREA CONTAINS 12 BARRACKS, 11
STORAGE BUILDINGS, 5 AMMUNITION STORAGE BUILDINGS, 7
ADMINISTRATION BUILDINGS, 3 MESSHALLS, AND 28 SUPPORT
BUILDINGS.



25X1

COT NGANH BARRACKS NORTHEAST

VN 2125N 10553E

NO COMRX

0.3 NM NW OF XOM DIEN AT UTM WJ917693.
AREA CONTAINS 14 PROBABLE BARRACKS, 4 ADMINISTRATION
BUILDINGS, 7 PROBABLE STORAGE BUILDINGS, 1 REVETTED
STORAGE BUILDING, 4 MESSHALLS, AND APPROXIMATELY 20
OTHER BUILDINGS.



25X1

HA NOI ARMY BARRACKS BAC MAI AIRFIELD

VN 2059N 10549E

NO COMRX

NW CORNER OF THE RUNWAY AT HANOI/BAC MAI AIRFIELD.
BARRACKS AREA FOR THE AIRFIELD CONTAINS 44 BARRACKS, 12

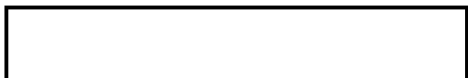
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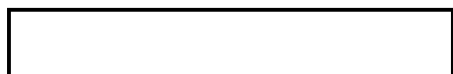
ADMINISTRATION BUILDINGS, 20 STORAGE BUILDINGS, 5
AMMUNITION STORAGE BUILDINGS, 4 MESSHALLS, AND
APPROXIMATELY 60 OTHER BUILDINGS AND SHEDS.



25X1

HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL VN 2102N 10550E NO COMRX

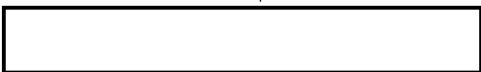
CENTER OF HA NOI.
WALLED INSTALLATION CONTAINS 41 BARRACKS, 41
ADMINISTRATION BUILDINGS, 48 STORAGE BUILDINGS, 16
MAINTENANCE BUILDINGS, 17 QUARTERS, AND APPROXIMATELY
90 OTHER BUILDINGS.



25X1

PHUC YEN AIRFIELD BARRACKS VN 2116N 10549E NO COMRX

3.4 NM NNE OF THE AIRFIELD AT UTM WJ852528.
INSTALLATION CONTAINS 15 BARRACKS, 3 MESSHALLS, AND 6
SUPPORT BUILDINGS.



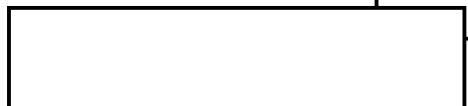
25X1

DA PHUC MILITARY CAMP SW VN 2118N 10551E NO COMRX

NO APPARENT CHANGE



25X1



25X1

DA PHUC MILITARY CAMP NNW VN 2120N 10551E NO COMRX

1.5 NM NNW OF DA PHUC (HA GIA) AT UTM WJ897596.
CAMP CONTAINS 23 BARRACKS, 4 MESSHALLS, AND 4 OTHER
BUILDINGS. A SECURED ADMINISTRATION/STORAGE AREA
CONTAINS 4 ADMINISTRATION BUILDINGS, 7 STORAGE
BUILDINGS AND 4 OTHER BUILDINGS. INDIVIDUALLY SECURED
STORAGE AREAS OF 4 AND 3 BUILDINGS, RESPECTIVELY, ARE
LOCATED WITHIN THE ADMINISTRATION/STORAGE AREA. A
SEPARATELY FENCED STORAGE AREA ON THE EAST SIDE OF THE
INSTALLATION CONTAINS 2 STORAGE BUILDINGS.



25X1

SECRET

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BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

CHUC SON ARMY BARRACKS NORTH

VN 2056N 10542E

NO COMRX

2 NM NORTH OF CHUC SON AND 1.3 NM WNW OF MAI LINH AT UTM WJ744150.

AREA CONTAINS 85 BARRACKS, 5 MESSHALLS, 5 ADMINISTRATION BUILDINGS, 10 STORAGE/SUPPORT BUILDINGS, AND 1 PROBABLE WATER TOWER.



25X1

HA DONG ARMY BARRACKS

VN 2058N 10546E

NO COMRX

0.9 NM WNW OF HA DONG AT UTM WJ804192.

INSTALLATION CONTAINS 9 BARRACKS, 2 ADMINISTRATION BUILDINGS, 25 STORAGE BUILDINGS, 6 AMMUNITION STORAGE BUILDINGS, 3 MESSHALLS, AND APPROXIMATELY 20 OTHER BUILDINGS.



25X1

BAC MAI BARRACKS

VN 2058N 10551E

NO COMRX

1 NM SOUTH OF HA NOI AT UTM WJ887200.

FACILITY CONSISTS OF 3 AREAS.

AREA A -- BARRACKS AREA SERVED BY ROUTE 1A CONTAINS 56 BARRACKS, 1 MESSHALL, AND 46 SUPPORT BUILDINGS.

AREA B -- STORAGE AREA CONTAINS 10 STORAGE BUILDINGS AND 9 SUPPORT BUILDINGS.

AREA C -- ADMINISTRATION AREA CONTAINS 8 ADMINISTRATION BUILDINGS AND 16 SUPPORT BUILDINGS.



25X1

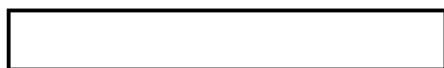
HA DONG ARMY BARRACKS SW

VN 2057N 10545E

NO COMRX

2 NM SW OF HA DONG AND 0.9 NM ESE OF YEN LO AT UTM WJ780170.

SECURED BARRACKS AREA CONSISTS OF 21 BARRACKS, 4 ADMINISTRATION BUILDINGS, 2 MESSHALLS, 16 SUPPORT/STORAGE BUILDINGS, AND 6 VEHICLE SHEDS.



25X1

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

THUONG DINH MILITARY CAMP

VN 2129N 10554E NO COMRX

0.9 NM WSW OF THUONG DINH AT UTM WJ936772.
AREA CONSISTS OF 14 PROBABLE BARRACKS, 2 ADMINISTRATION
BUILDINGS, 4 MESSHALLS, 2 VEHICLE SHEDS, 2 REVETTED
STORAGE BUILDINGS, AND 4 STORAGE/SUPPORT BUILDINGS.



25X1

THUONG DINH ARMY BARRACKS NORTH

VN 2054N 10551E NO COMRX

2.2 NM NORTH OF VAN TRAI AT UTM WJ888118.
AREA CONTAINS 30 BARRACKS (3 DESTROYED, 6 DAMAGED), 6
STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, 3
MESSHALLS, 2 PROBABLE AMMUNITION STORAGE BUILDINGS, AND
13 OTHER BUILDINGS.



25X1

HA NOI POSSIBLE BARRACKS AREA BAC MAI

VN 2059N 10550E NO COMRX

IMMEDIATELY SE OF BAC MAI AIRFIELD AT UTM WJ873211.
INSTALLATION CONSISTS OF 2 ADJACENT SECURED POSSIBLE
BARRACKS AREAS AND A SECURED STORAGE AREA.
AREA A CONTAINS 11 BARRACKS, 3 MESSHALLS, 4 SMALL
SUPPORT BUILDINGS, AND 5 STORAGE BUILDINGS.
AREA B CONTAINS 62 BARRACKS, 2 ADMINISTRATION
BUILDINGS, 1 LARGE FIELD HOUSE, 4 LARGE MESSHALLS, AND
13 SUPPORT BUILDINGS.
AREA C IS A SECURED OPEN STORAGE AREA.

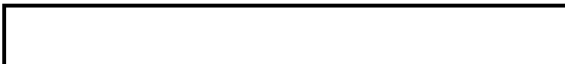


25X1

BAC NINH ARMY BARRACKS

VN 2110N 10603E NO COMRX

18 NM NE OF HA NOI IN NORTHERN SECTOR OF BAC NINH AT
UTM XJ120430.
WALL AND MOAT SECURED CITADEL CONTAINS 7 MULTISTORY
BARRACKS, 20 OTHER BARRACKS, 5 ADMINISTRATION
BUILDINGS, 5 PROBABLE ADMINISTRATION BUILDINGS, 1
REVVETTED STORAGE BUILDING, 19 OTHER STORAGE BUILDINGS,
NUMEROUS SUPPORT BUILDINGS AND SHEDS, AND AN ATHLETIC
FIELD.



25X1

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

HA NOI ARMY BARRACKS NE GIA THUONG VN 2103N 10552E NO COMRX

3 NM NNE OF HA NOI AT UTM WJ912293.
AREA HAS BEEN SUBJECTED TO AIR STRIKE AND CONTAINS 135
BARRACKS (23 FORMER BARRACKS BUILDINGS ARE
DISMANTLED/DESTROYED), 34 ADMINISTRATION BUILDINGS, 24
STORAGE BUILDINGS, 4 VEHICLE STORAGE BUILDINGS, 9
QUARTERS, 8 MESSHALLS, 1 VEHICLE MAINTENANCE BUILDING,
AND APPROXIMATELY 85 OTHER BUILDINGS.

25X1

CHU MAU PROBABLE BARRACKS AREA U/C VN 2109N 10606E NO COMRX

NE EDGE OF CHU MAU AND 4 NM SE OF BAC NINH.
CONSTRUCTION APPEARS TO BE COMPLETE. THE AREA CONTAINS
11 PROBABLE STORAGE BUILDINGS.

25X1

VAN TRAI MILITARY AREAS VN 2052N 10552E NO COMRX

THREE MILITARY AREAS REFERENCED FROM VAN TRAI.
AREA A (0.3 NM WEST AT UTM WJ881076) -- SECURED AREA
CONTAINS 10 BARRACKS, 2 MULTIWING ADMINISTRATION
BUILDINGS, AND 8 SUPPORT BUILDINGS. AREA HAS BEEN
SUBJECTED TO AIR STRIKE.
AREA B (0.8 NM EAST AT UTM WJ899078) -- SECURED AREA
CONTAINS 21 BARRACKS (6 HEAVILY DAMAGED), 2
ADMINISTRATION BUILDINGS, 2 MESSHALLS, 1 FIELD HOUSE,
AND 8 SUPPORT BUILDINGS.
AREA C (0.8 NM ESE AT UTM WJ902073) -- SECURED AREA
CONTAINS 12 BARRACKS, 2 ADMINISTRATION BUILDINGS, 6
STORAGE BUILDINGS, AND 6 SUPPORT BUILDINGS.

25X1

HOI THONG COASTAL DEFENSE POSITION VN 1844N 10547E NO COMRX

0.5 NM SE OF HOI THONG AND 7.6 NM NE OF VINH, AT UTM
WF832718.
DEFENSE SITE CONTAINS 4 UNOCCUPIED PARTIALLY REVETTED
GUN POSITIONS AND A SMALL SUPPORT AREA WITH 6 BUILDINGS
AND SEVERAL TRENCHES.

25X1

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

LAO CAI ARMY BARRACKS

VN 2229N 10358E NO COMRX

POSSIBLE MILITARY BARRACKS AND STORAGE AREAS LOCATED IN LAO CAI AREA.

AREA A (UTM UK952883) -- WALL-SECURED STORAGE AREA WITH 2 GUARD TOWERS CONTAINS 9 STORAGE BUILDINGS. FIVE SUPPORT BUILDINGS ARE OUTSIDE THE WALL.

AREA B (UTM UK949874) -- STORAGE AREA CONTAINS 17 STORAGE BUILDINGS, 7 BARRACKS, 5 SUPPORT BUILDINGS, AND 1 ADMINISTRATION BUILDING.

AREA C (UTM UK944868) -- STORAGE AREA CONTAINS 23 STORAGE/SUPPORT BUILDINGS, 3 PROBABLE BARRACKS, 1 L-SHAPED ADMINISTRATION BUILDING, AND 1 T-SHAPED ADMINISTRATION BUILDING.

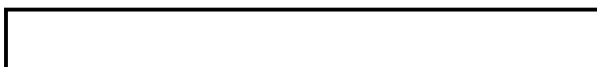
AREA D (UTM UK954856) -- HEADQUARTERS AREA CONTAINS 4 ADMINISTRATION BUILDINGS AND 5 SUPPORT BUILDINGS.

AREA E (UTM UK949854) -- BARRACKS AREA CONTAINS 8 BARRACKS, 2 STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 4 SUPPORT BUILDINGS.

AREA F (UTM UK946858) -- BARRACKS AREA CONTAINS 3 BARRACKS, 3 STORAGE BUILDINGS, 3 SUPPORT BUILDINGS, 2 ADMINISTRATION BUILDINGS, AND 1 MESSHALL.

AREA G (UTM UK947865) -- STORAGE AREA CONTAINS 6 STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 3 SUPPORT BUILDINGS.

AREA H (UTM UK944875) -- BARRACKS AREA CONTAINS 12 BARRACKS, 3 STORAGE BUILDINGS, AND 3 SUPPORT BUILDINGS.



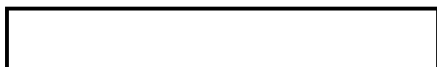
25X1

XOM COI ARMY BARRACKS

VN 2017N 10511E NO COMRX

1.5 NM NW OF XOM COI AT UTM WH199435.

TWO ADMINISTRATION BUILDINGS AND 2 STORAGE/SUPPORT BUILDINGS REMAIN. ALL OTHER BUILDINGS HAVE BEEN DESTROYED.



25X1

VINH YEN MILITARY INSTALLATION

VN 2119N 10536E NO COMRX

0.5 NM NNE OF VINH YEN.

INSTALLATION CONSISTS OF 2 ADJACENT FENCED AREAS.

AREA A -- 4 STORAGE BUILDINGS REMAIN.

AREA B -- 8 BARRACKS/STORAGE BUILDINGS AND 5 SUPPORT BUILDINGS. A PARTIALLY FENCED VEHICLE PARK IS ACROSS THE ROAD FROM THIS AREA. NO VEHICLES OBSERVED.

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67



25X1

VINH YEN AMMUNITION DEPOT

VN 2118N 10538E

NO COMRX

2 NM EAST OF VINH YEN AT UTM WJ658561.
INSTALLATION CONTAINS 22 SECURED AND REVETTED
AMMUNITION STORAGE BUILDINGS, 4 POSSIBLE
CHEMICAL/EXPLOSIVES STORAGE BUILDINGS, AND SEVERAL
SUPPORT BUILDINGS. UNIDENTIFIED CONSTRUCTION ACTIVITY
IS OBSERVED ADJACENT TO THE POSSIBLE
CHEMICAL/EXPLOSIVES STORAGE BUILDINGS.



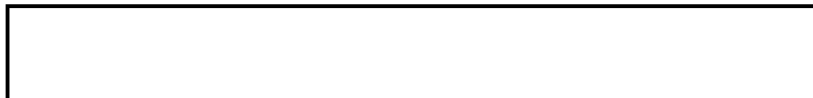
25X1

YU-LIN ARMY BARRACKS NORTHEAST

CH 1820N 10937E

NO COMRX

7.4 NM NE OF YU-LIN.
MILITARY INSTALLATION CONSISTS OF 3 AREAS.
AREA A (18-19N 109-37E) -- 6 BARRACKS, 1 ADMINISTRATION
BUILDING, 5 MESSHALLS, AND 6 SUPPORT BUILDINGS.
AREA B (18-20N 109-37E) -- 33 BARRACKS, 1 MULTISTORY
ADMINISTRATION BUILDING, AND 17 SUPPORT BUILDINGS.
AREA C (18-21N 109-37E) -- 17 PROBABLE BARRACKS, 1
ADMINISTRATION BUILDING, AND 9 PROBABLE SUPPORT
BUILDINGS.
OB -- 6 CARGO TRUCKS.



25X1

HO-KOU VEHICLE PARKS

CH 2232N 10356E

NO COMRX

OB -- 15 TRUCKS.



25X1

TENG-CHIAO MILITARY ACTIVITY

CH 1823N 10950E

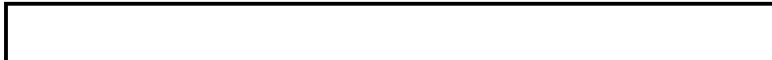
NO COMRX

5.5 NM SE OF TENG-CHIAO.
ACTIVITY CONSISTS OF 4 BARRACKS AREAS.
AREA A (18-23N 109-49E) -- 6 BARRACKS, 1 ADMINISTRATION
BUILDING, AND 1 SUPPORT BUILDING. SOUTH OF AREA A ARE
2 UNOCCUPIED PROBABLE CO POSITIONS.
AREA B (18-23N 109-49E) -- PARTIALLY DISMANTLED
BARRACKS AREA CONTAINS 2 BARRACKS, 1 ADMINISTRATION

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SECRET**BLACK SHIELD MISSION 6705, 20 JUN 67****R-141/67**

BUILDING, 1 SUPPORT BUILDING, AND 8 BUILDING FOUNDATIONS. THREE STORAGE BUILDINGS AND 3 CAVE ENTRANCES ARE IMMEDIATELY SOUTH OF AREA B. AREA C (18-23N 109-50E) -- 2 BARRACKS AND 3 SUPPORT BUILDINGS. AREA D (18-22N 109-50E) -- 6 BARRACKS, 1 ADMINISTRATION BUILDING, AND 1 SUPPORT BUILDING PARTIALLY SURROUNDED BY TRENCHES.



25X1

TUNG-HAI-TAN ARMY BARRACKS & STORAGE AREA CH 1906N 10839E NO COMRX

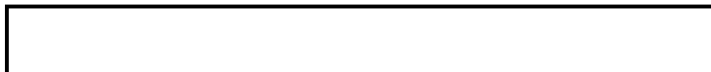
IDENTIFICATION ONLY.



25X1

LING-TOU ARMY BARRACKS EAST CH 1841N 10847E NO COMRX

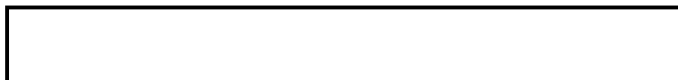
4.8 NM EAST OF LING-TOU. INSTALLATION CONTAINS 33 PROBABLE BARRACKS, 1 AUDITORIUM, 4 ADMINISTRATION BUILDINGS, AND 1 L-SHAPED PROBABLE VEHICLE MAINTENANCE BUILDING.



25X1

YU-LIN ARMY BARRACKS NORTH CH 1817N 10933E NO COMRX

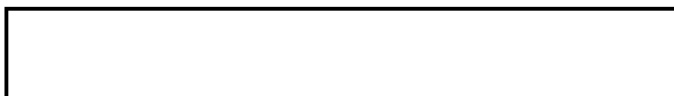
5 NM NNE OF YU-LIN. AREA CONTAINS 6 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 12 SUPPORT BUILDINGS. OB -- 6 TRUCKS.



25X1

YU-LIN BARRACKS AREA CH 1816N 10932E NO COMRX

2.5 NM NORTH OF YU-LIN. AREA CONTAINS 1 ADMINISTRATION BUILDING, 4 BARRACKS, 1 MESSHALL, 3 VEHICLE STORAGE BUILDINGS, AND 4 SUPPORT BUILDINGS.



25X1

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BLACK SHIELD MISSION 6705, 20 JUN 67

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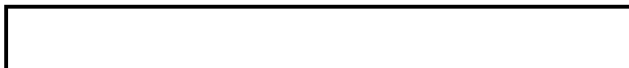
YAI-HSIEN ARMY BARRACKS NORTHEAST

CH 1819N 10931E

NO COMRX

6 NM NNE OF YAI-HSIEN.

SECURED AREA CONTAINS 28 BARRACKS, 4 PROBABLE BARRACKS, 1 POSSIBLE BARRACKS, 11 STORAGE BUILDINGS, 1 POSSIBLE STORAGE BUILDING, 1 STORAGE/SUPPORT BUILDING, 4 ADMINISTRATION BUILDINGS, 4 ADMINISTRATION/SUPPORT BUILDINGS, 1 BARRACKS/ADMINISTRATION BUILDING, AND 29 SUPPORT BUILDINGS.



25X1

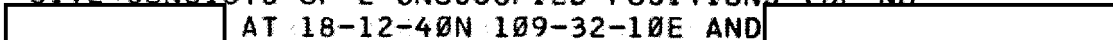
YU-LIN COASTAL DEFENSE SITE

CH 1812N 10932E

NO COMRX

1 NM SE OF YU-LIN.

SITE CONSISTS OF 2 UNOCCUPIED POSITIONS (BE NO

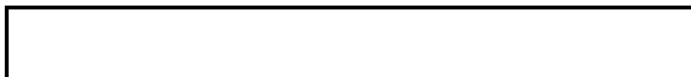


AT 18-12-40N 109-32-10E AND

AT 18-12-32N 109-32-12E) AND A 3D POSSIBLE POSITION UNDER CONSTRUCTION ALONG A LOOP ROAD. A CAVE ENTRANCE IS ADJACENT TO THE SOUTHERNMOST POSITION.

A SUPPORT AREA, 0.5 NM NORTH, CONTAINS AN EARTH-COVERED PROBABLE DRIVE-THROUGH BUNKER, 1 BARRACKS, AND 4 SUPPORT BUILDINGS. A POSSIBLE SUPPORT AREA, 0.3 NM WEST OF THE SITE, CONTAINS 3 PROBABLE BARRACKS AND 4 SMALL SUPPORT BUILDINGS.

ACTIVITY -- 1 OCCUPIED 8-GUN AAA SITE 0.4 NM WEST OF SITE.



25X1

25X1

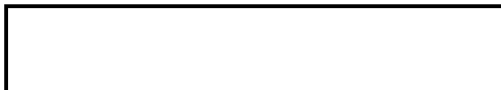
BAC NINH ARMY BARRACKS NE DAP CAU

VN 2111N 10605E

NO COMRX

1.8 NM NE OF BAC NINH ON SW EDGE OF THI CAU AT UTM XJ124438.

BARRACKS AREA CONTAINS 10 MULTISTORY BARRACKS, 1 WAREHOUSE, 15 STORAGE BUILDINGS, 2 LARGE ADMINISTRATION BUILDINGS, 4 SUPPORT BUILDINGS, AND 15 SMALL BUILDINGS. TWELVE EXPLOSIVES STORAGE REVETMENTS AND 10 ADDITIONAL REVETMENTS ARE OBSERVED IN VARIOUS STAGES OF DETERIORATION. NO EQUIPMENT OR VEHICLES OBSERVED.



25X1

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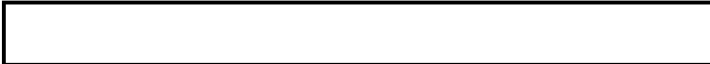
BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

LANG-YEH WAN CD SITE

CH 1812N 10942E NO COMRX

1.2 NM SSE OF YA-LUNG.
SITE CONSISTS OF 4 POSITIONS SITUATED ON A HILLSIDE
WITH UNDERGROUND ENTRANCES BEHIND EACH POSITION. SITE
APPEARS TO BE COMPLETE AND OPERATIONAL.
A SUPPORT AREA WITH 6 BUILDINGS IS IMMEDIATELY NORTH.
OB -- 2 POSSIBLE LIGHT AAA GUNS.



25X1

SON TAY ARMY BARRACKS SW TONG

VN 2107N 10528E NO COMRX

IDENTIFICATION ONLY.



25X1

MY KHE MILITARY AREAS

VN 2120N 10541E NO COMRX

IDENTIFICATION ONLY.

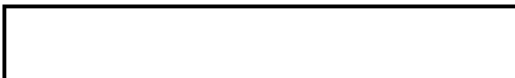


25X1

THAI NGUYEN BARRACKS AREA NE

VN 2137N 10552E NO COMRX

IDENTIFICATION ONLY.

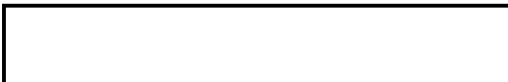


25X1

SON DONG ARMY BARRACKS AND SCHOOL

VN 2103N 10531E NO COMRX

IDENTIFICATION ONLY.



25X1

YEN SO BARRACKS AREA

VN 2102N 10540E NO COMRX

IDENTIFICATION ONLY.



25X1

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BLACK SHIELD MISSION 6705, 20 JUN 67

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CHU NGUYEN MILITARY CAMPS

VN 2121N 10616E NO COMRX

IDENTIFICATION ONLY.

25X1

CAPE LO COASTAL DEFENSES

VN 1828N 10556E NO COMRX

IDENTIFICATION ONLY.

25X1

PHUC DUC ARMY BARRACKS

VN 2121N 10521E NO COMRX

IDENTIFICATION ONLY.

25X1

XOM CHAN DA MILITARY INSTALLATION

VN 2109N 10511E NO COMRX

IDENTIFICATION ONLY.

25X1

CAM DAI ARMY BARRACKS

VN 2108N 10522E NO COMRX

IDENTIFICATION ONLY.

25X1

KIM LANG ARMY BARRACKS

VN 2132N 10512E NO COMRX

IDENTIFICATION ONLY.

25X1

DAO GIA PROB BARRACKS & STORAGE AREA

VN 2131N 10507E NO COMRX

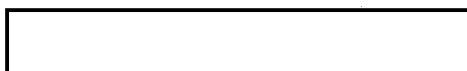
IDENTIFICATION ONLY.

25X1

SECRET

SECRET**BLACK SHIELD MISSION 6705, 20 JUN 67****R-141/67****SON TAY ARMY BARRACKS SW TONG****VN 2107N 10528E NO COMRX****IDENTIFICATION ONLY.**

25X1

XOM DINH MILITARY INSTALLATION**VN 2057N 10517E NO COMRX****IDENTIFICATION ONLY.**

25X1

SON DONG ARMY BARRACKS AND SCHOOL**VN 2103N 10531E NO COMRX****IDENTIFICATION ONLY.**

25X1

SON DONG MILITARY BARRACKS SW**VN 2100N 10529E NO COMRX****IDENTIFICATION ONLY.**

25X1

XUAN MAI ARMY BARRACKS SSW**VN 2053N 10534E NO COMRX****IDENTIFICATION ONLY.**

25X1

DONG BAI SUPPLY DEPOT**VN 2052N 10530E NO COMRX****IDENTIFICATION ONLY.**

25X1

XOM BUN STORAGE AREA**VN 2053N 10522E NO COMRX****IDENTIFICATION ONLY.**

25X1

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

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XOM MAN MILITARY CAMP

VN 2042N 10519E NO COMRX

IDENTIFICATION ONLY.



25X1

LANG NHON BARRACKS AREA

VN 2225N 10400E NO COMRX

IDENTIFICATION ONLY.



25X1

NHAM XA PROBABLE REST AND REFUEL AREA

VN 1830N 10543E NO COMRX

IDENTIFICATION ONLY.

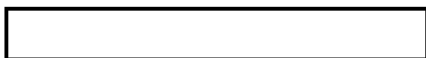


25X1

VINH VEHICLE PARK

VN 1840N 10543E NO COMRX

IDENTIFICATION ONLY.



25X1

VINH ARMY BARRACKS NNE

VN 1844N 10541E NO COMRX

IDENTIFICATION ONLY.



25X1

THU LUNG BARRACKS

VN 1848N 10542E NO COMRX

IDENTIFICATION ONLY.

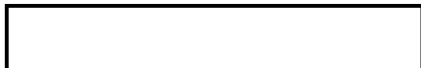


25X1

THAI NGUYEN BARRACKS AREA NE

VN 2137N 10552E NO COMRX

IDENTIFICATION ONLY.



25X1

SECRET

SECRET

BLACK SHIELD MISSION 6705, 20 JUN 67

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LANG QUAN PROBABLE MILITARY CAMP

VN 2215N 10448E NO COMRX

IDENTIFICATION ONLY.



25X1

SAM SON ARMY BARRACKS

VN 1944N 10554E NO COMRX

IDENTIFICATION ONLY.

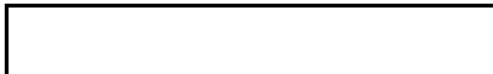


25X1

NAM DINH MILITARY CAMP

VN 2025N 10611E NO COMRX

IDENTIFICATION ONLY.



25X1

SAM SON ARMY BARRACKS WEST

VN 1944N 10552E NO COMRX

2 NM NW OF SAM SON AT UTM WG913835.
ONLY 1 SUPPORT BUILDING REMAINS.



25X1

XOM DONG XUONG MILITARY INSTALLATION

VN 2059N 10516E NO COMRX

1.1 NM EAST OF XOM DONG.
INSTALLATION CONSISTS OF 2 AREAS CONNECTED BY ROAD.
AREA A (UTM WJ290210) -- 11 LARGE BUILDINGS AND
NUMEROUS SMALL BUILDINGS.
AREA B (UTM WJ299216) -- 4 LARGE BUILDINGS. A FIFTH
BUILDING APPEARS TO HAVE BEEN DISMANTLED.



25X1

VAN DIEN ARMY SUPPLY DEPOT

VN 2055N 10551E NO COMRX

0.8 NM SOUTH OF VAN DIEN AT UTM WJ883150.
COMPLEX CONSISTS OF 2 BARRACKS AREAS, 3 BARRACKS AND
STORAGE AREAS, AND 1 STORAGE AREA.
AREA A (UTM WJ880156) -- STORAGE AREA HAS BEEN
DESTROYED.
AREA B (UTM WJ883154) -- BARRACKS AREA CONTAINS 4

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BLACK SHIELD MISSION 6705, 20 JUN 67

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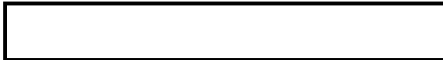
BARRACKS, 1 ADMINISTRATION BUILDING, AND 3 SUPPORT BUILDINGS.

AREA C (UTM WJ880152) -- BARRACKS AND STORAGE AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 36 STORAGE/SUPPORT BUILDINGS (12 HAVE BEEN DESTROYED).

AREA D (UTM WJ882146) -- BARRACKS AREA CONTAINS 20 BARRACKS, 3 MULTISTORY ADMINISTRATION BUILDINGS (ONE E-SHAPED), AND 1 LARGE STORAGE BUILDING.

AREA E (UTM WJ885148) -- BARRACKS AND STORAGE AREA CONTAINS 9 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, 19 LARGE STORAGE BUILDINGS (4 PARTIALLY DESTROYED), AND 10 SUPPORT BUILDINGS.

AREA F (UTM WJ883143) -- BARRACKS AND STORAGE AREA CONTAINS 5 BARRACKS, 43 STORAGE BUILDINGS (10 DESTROYED), AND 18 SUPPORT BUILDINGS.



25X1

SAVANNAKHET MAINTENANCE & REPAIR DEPOT LA 1632N 10446E NO COMRX

SE EDGE OF SAVANNAKHET.

SECURED DEPOT, APPROXIMATELY 2,000 FT SQ, CONTAINS 1 LARGE BUILDING, 5 MEDIUM BUILDINGS, AND 3 SMALL BUILDINGS WITH MONITOR ROOFS, 1 LARGE GABLE-ROOFED WAREHOUSE-TYPE BUILDING, 11 MEDIUM GABLE-ROOFED BUILDINGS, AND 30 OTHER BUILDINGS. ACTIVITY -- AT LEAST 100 VEHICLES.



25X1

SENO MILITARY INSTALLATION EAST LA 1641N 10503E NO COMRX

2 NM ENE OF THE RUNWAY INTERSECTION AT SENO AIRFIELD. SECURED AREA CONTAINS 5 PROBABLE BARRACKS, 1 T-SHAPED PROBABLE ADMINISTRATION BUILDING, 6 PROBABLE STORAGE BUILDINGS, 6 OTHER BUILDINGS, AND 2 ANTENNA MASTS.



25X1

PHONG SALY BARRACKS AREA LA 2141N 10206E NO COMRX

0.1 NM NORTH OF PHONG SALY. SMALL PROBABLE MILITARY AREA CONTAINS 3 BARRACKS AND 8 STORAGE/SUPPORT BUILDINGS.

51
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25X1

HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG VN 2048N 10638E NO COMRX

3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF THE HAI PHONG/KIEN AN AIRFIELD. AREA HAS BEEN EXTENSIVELY CRATERED. NUMEROUS REVETTED STORAGE BUILDINGS AND SUPPORT BUILDINGS HAVE BEEN DESTROYED AND OTHERS HAVE BEEN DAMAGED. THE AREA DOES NOT APPEAR TO BE IN USE.



25X1

HAI PHONG ORDNANCE DEPOT KIEN AN VN 2048N 10638E NO COMRX

0.7 NM SE OF HAIPHONG/KIEN AN AIRFIELD AT UTM XJ688005. AREA CONTAINS APPROXIMATELY 80 AMMUNITION STORAGE REVETMENTS ALONG A LOOP ROAD NETWORK. APPROXIMATELY 18 BUILDINGS HAVE BEEN RAZED. FIFTEEN SMALL SUPPORT BUILDINGS REMAIN INTACT. AREA DOES NOT APPEAR TO BE IN CURRENT USE AS A STORAGE DEPOT.



25X1

HUNG VI MILITARY STORAGE AREA VN 2113N 10512E NO COMRX

0.8 NM SSE OF HUNG VI AT UTM WJ211464. AREA CONSISTS OF AT LEAST 50 STORAGE BUILDINGS AND SEVERAL SUPPORT BUILDINGS.



25X1

LANG MO BARRACKS AREA VN 2045N 10517E NO COMRX

0.5 NM SE OF LANG MO AT UTM WH300949. TWO BARRACKS AREAS CONTAIN A TOTAL OF 16 BARRACKS, (7 DESTROYED), 6 ADMINISTRATION BUILDINGS, 7 STORAGE BUILDINGS, 2 MESSHALLS, AND 13 OTHER BUILDINGS. A PROBABLE TRAINING AREA IS OBSERVED ON THE NE EDGE OF THE NORTHERN BARRACKS AREA.



25X1

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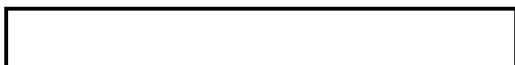
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LAI CHAU MILITARY AREA

VN 2204N 10309E NO COMRX

SOUTHERN EDGE OF LAI CHAU AT UTM UK106414.
SEVEN ADMINISTRATION BUILDINGS, 13 BARRACKS, 5 STORAGE
BUILDINGS, AND 24 SUPPORT BUILDINGS REMAIN IN THE AREA.



25X1

HUNG NHI MILITARY BARRACKS

VN 2113N 10512E NO COMRX

0.6 NM EAST OF HUNG NHI AT UTM WJ210464.
AREA CONTAINS 8 BARRACKS, 1 ADMINISTRATION BUILDING, 5
STORAGE BUILDINGS, 20 SUPPORT BUILDINGS, AND EXTENSIVE
TRENCHING.



25X1

XOM BAI MILITARY AREA NORTH

VN 2118N 10515E NO COMRX

0.9 NM NW OF XOM BAI AT UTM WJ260567.
PARTIALLY SECURED CAMP CONTAINS 4 BARRACKS, 1
ADMINISTRATION BUILDING, 8 STORAGE BUILDINGS, 2
REvetTED STORAGE BUILDINGS, 2 MESSHALLS, 1 MAINTENANCE
BUILDING, 15 OTHER BUILDINGS, AND 3 SERVICING PITS.



25X1

XOM BAI ARMY BARRACKS NE THACH SON

VN 2121N 10517E NO COMRX

0.9 NM NNE AT UTM WJ309613.
INSTALLATION CONTAINS 29 BARRACKS, 5 POSSIBLE
ADMINISTRATION BUILDINGS, 12 PROBABLE STORAGE
BUILDINGS, 2 LARGE MESSHALLS, AND APPROXIMATELY 30
SUPPORT BUILDINGS.
EXTENSIVE DRIVER TRAINING FACILITIES ARE 1.3 NM ESE AT
UTM WJ332612.



25X1

VINH DAI VEHICLE DISPERSAL AREA

VN 2106N 10624E NO COMRX

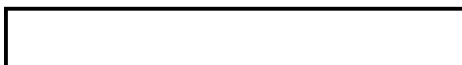
IMMEDIATELY SW OF VINH DAI AT UTM XJ467340.
AREA CONSISTS OF 24 VEHICLE REVETMENTS AND 1 BUNKER.
NO ACTIVITY OBSERVED.

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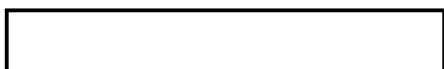
25X1

MAT SON BARRACKS AREA

VN 2106N 10623E NO COMRX

0.8 NM NE OF MAT SON ON NW SIDE OF ROUTE 18 AT UTM
XJ446347.

SECURED AREA, ADJACENT TO HAI PHONG SAM SITE C32-2,
CONTAINS 8 BARRACKS, 1 ADMINISTRATION BUILDING, AND 5
SUPPORT BUILDINGS.



25X1

LANG SAT PROBABLE MILITARY AREA

VN 2005N 10522E NO COMRX

PROBABLE MILITARY CAMP CONTAINS 3 BARRACKS AREAS.

AREA A (EAST OF LANG SAT AT UTM WH394218) -- 1

BARRACKS, 1 ADMINISTRATION BUILDING, AND 5

STORAGE/SUPPORT BUILDINGS.

AREA B (0.4 NM SSW OF LANG SAT AT UTM WH389212) -- 3

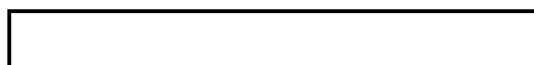
BARRACKS, 1 ADMINISTRATION BUILDING, 1 VEHICLE

MAINTENANCE BUILDING AND 3 STORAGE/SUPPORT BUILDINGS.

AREA C (0.5 NM SOUTH OF LANG SAT AT UTM WH392210) -- 7

BARRACKS, 1 ADMINISTRATION BUILDING, AND 3

STORAGE/SUPPORT BUILDINGS. AT LEAST 13 BARRACKS HAVE
BEEN DISMANTLED.



25X1

VINH LINH MILITARY INSTALLATIONS

VN 1703N 10701E NO COMRX

FIVE AREAS REFERENCED FROM VINH LINH.

AREA A (0.8 NM NW AT UTM YD140878) -- BARRACKS AREA HAS
BEEN ABANDONED AFTER AIR STRIKES. ALL BUILDINGS ARE
DESTROYED/ABANDONED. APPROXIMATELY 25 PARTIALLY
DISMANTLED/DESTROYED BUILDINGS REMAIN.

AREA B (0.8 NM NORTH AT UTM YD148883) -- BARRACKS AREA
HAS BEEN COMPLETELY DESTROYED AND NO BUILDINGS REMAIN.

AREA C (0.3 NM NORTH AT UTM YD151872) -- AREA IS
ABANDONED AND APPROXIMATELY 60 PARTIALLY
DESTROYED/DISMANTLED BUILDINGS REMAIN.

AREA D (1.3 NM ESE AT UTM YD174870) -- AREA IS
ABANDONED AND NO BUILDINGS REMAIN.

AREA E (1.2 NM SE AT UTM YD164854) -- AREA IS ABANDONED
AND 3 PARTIALLY DESTROYED/DISMANTLED BUILDINGS REMAIN.



25X1

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HAI PHONG ARMY BARRACKS SE CAT BI

VN 2049N 10642E

NO COMRX

2 NM SE OF HAI PHONG.
INSTALLATION CONSISTS OF 3 AREAS IN WHICH NUMEROUS
BUILDINGS HAVE BEEN DISMANTLED.
AREA A -- 26 BARRACKS AND 15 STORAGE/SUPPORT BUILDINGS
REMAIN.
AREA B -- PROBABLE HOSPITAL AREA CONTAINS 9
INTERCONNECTED BUILDINGS, 4 INTERCONNECTED
HOSPITAL-TYPE BUILDINGS, 2 ADMINISTRATION BUILDINGS,
AND 15 STORAGE/SUPPORT BUILDINGS.
AREA C -- 25 STORAGE/SUPPORT BUILDINGS.



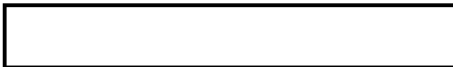
25X1

HAI PHONG ARMY BARRACKS NORTH

VN 2053N 10641E

NO COMRX

2 NM NORTH OF HAI PHONG AT UTM XJ750107.
SECURED AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION
BUILDING, 1 MESSHALL, AND 7 SUPPORT BUILDINGS.



25X1

HAI PHONG ARMY BARRACKS KIEN AN

VN 2049N 10638E

NO COMRX

3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF HAIPHONG/KIEN
AN AIRFIELD AT UTM WJ705023.
AREA CONSISTS OF 14 BARRACKS, 2 ADMINISTRATION
BUILDINGS, AND 14 STORAGE/SUPPORT BUILDINGS.



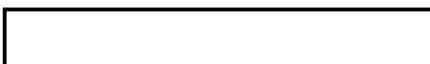
25X1

HAI DUONG BARRACKS WEST

VN 2056N 10619E

NO COMRX

1.6 NM WSW OF HAI DUONG AT UTM XJ361153.
INSTALLATION CONSISTS OF 3 SEPARATELY SECURED BARRACKS
AREAS.
AREA A (WEST) -- 8 BARRACKS, 1 ADMINISTRATION BUILDING,
AND 4 SUPPORT BUILDINGS.
AREA B (CENTRAL) -- 11 BARRACKS, 2 ADMINISTRATION
BUILDINGS, 1 MESSHALL, AND 2 SUPPORT BUILDINGS.
AREA C (EAST) -- 6 BARRACKS AND 1 ADMINISTRATION
BUILDING.



25X1

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DAI MO ARMY BARRACKS WSW

VN 2059N 10543E NO COMRX

TWO AREAS IN THE VICINITY OF HA NOI.
AREA A (7.3 NM WSW OF HA NOI RAILROAD CLASSIFICATION
YARD AND 1.3 NM WSW OF DAI MO AT UTM WJ760218) -- 9
BARRACKS, 25 STORAGE BUILDINGS, AND 16 SUPPORT
BUILDINGS.
AREA B (0.4 NM SOUTH OF AREA A) -- 4 BARRACKS, 1
ADMINISTRATION BUILDING, AND SEVERAL SMALL BUILDINGS.

25X1

HUNG YEN ARMY BARRACKS

VN 2040N 10604E NO COMRX

1.5 NM NORTH OF HUNG YEN.
TWO FENCED AREAS CONTAIN A TOTAL OF 27 BARRACKS, 2
ADMINISTRATION BUILDINGS, 2 MESSHALLS, AND 20
STORAGE/SUPPORT BUILDINGS.

25X1

BAC NINH MILITARY AREA

VN 2112N 10605E NO COMRX

2.5 NM NE OF BAC NINH AT UTM XJ135441.
AREA HAS BEEN SUBJECTED TO AIR STRIKE. ELEVEN
BARRACKS, 9 STORAGE BUILDINGS, 9 ADMINISTRATION
BUILDINGS, 4 MESSHALLS, AND APPROXIMATELY 10 OTHER
BUILDINGS REMAIN AND APPEAR TO BE SERVICEABLE.

25X1

SECRET

Complexes

SECRET

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COMPLEXES

BAC GIANG COMPLEX

VN 2116N 10611E

COMMERCIAL CENTER ON THE HA NOI/LANG SON RAIL LINE, 0.8 SQ MI IN AREA, CONTAINS A RAILROAD CLASSIFICATION YARD HEAVILY DAMAGED BY AIR STRIKES (BAC GIANG RAILROAD YARD AND SHOPS, [REDACTED], 1,600 FT LONG AND 4 TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, [REDACTED]). NW SECTION OF COMPLEX SEVERELY DAMAGED BY AIR STRIKE.



25X1

25X1

25X1

25X1

YEN BAI COMPLEX

VN 2141N 10452E

OVER 60 BUILDINGS IN THE COMPLEX HAVE BEEN DESTROYED. THIS COMPRISES OVER 90 PERCENT OF THE COMPLEX. RAILYARD HAS BEEN INTERDICTED AND ALL LINES HAVE BEEN CUT. NO BY-PASSES ARE DISCERNIBLE.



25X1

HAI PHONG RR STATION CLASS YD & SHOPS

VN 2051N 10641E

CENTER OF HAI PHONG. YARD 7 TRACKS WIDE AND 2,100 FT LONG CONTAINS A RAILROAD STATION, REPAIR FACILITIES, AND A TURNING WYE. ACTIVITY -- 30 UNIDENTIFIED PIECES OF ROLLING STOCK.

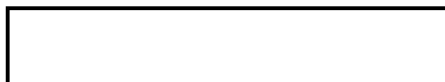


25X1

YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

0.4 NM EAST OF YEN VIEN AT UTM WJ955315. RAILROAD CLASSIFICATION YARD CONTAINS 12 SERVICEABLE TRACKS. SIXTY-FIVE PIECES OF ROLLING STOCK OBSERVED.



25X1

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BAN THACH HYDROELECTRIC POWERPLANT VN 1954N 10531E NO COMRX

ON CANAL, APPROXIMATELY 1.5 NM WEST OF DONG NAI AT UTM
WH555012.
SMALL HYDROELECTRIC POWERPLANT CONTAINS A SMALL
GENERATOR/TURBINE HOUSE AND A SMALL TRANSFORMER HOUSE.
A POWERLINE EXTENDS SE FROM THE PLANT.



25X1

BAI THUONG DAM VN 1953N 10523E NO COMRX

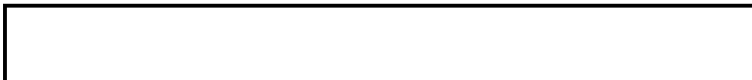
SOUTH EDGE OF BAI THUONG AT UTM WG411999.
CONCRETE DAM ACROSS THE SONG CHA RIVER AT BAI THUONG IS
USED PRIMARILY FOR IRRIGATION.



25X1

PHONG SALY COMPLEX LA 2141N 10206E NO COMRX

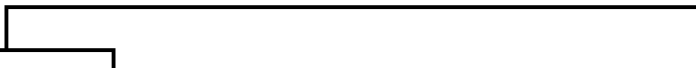
PROVINCIAL HEADQUARTERS APPROXIMATELY 30 MILES FROM THE
CHINESE BORDER. NO INDUSTRIAL OR COMMERCIAL ACTIVITY
OBSERVED IN CLOUD-FREE AREAS.



25X1

LANG NHON U/I CONSTRUCTION VN 2224N 10401E NO COMRX

NO APPARENT CHANGE



25X1

25X1

LANG KE HONG AREA ROAD U/C VN 2033N 10501E NO COMRX

CONSTRUCTION CONTINUES ON ROAD, SERVICEABILITY
UNDETERMINED.



25X1

SAN DINH HIGHWAY BRIDGE OVER SONG CHAO BAC VN 1824N 10543E NO COMRX

0.8 NM ESE OF SAN DINH AT UTM WF768345.
BRIDGE IS DESTROYED. A SMALL BY-PASS BRIDGE HAS BEEN

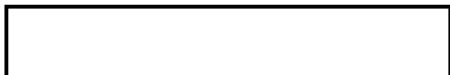
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CONSTRUCTED IMMEDIATELY NORTH.



25X1

THAI NGUYEN IRON AND STEEL COMBINE

VN 2133N 10552E

NO COMRX

2 NM SSE OF THAI NGUYEN.

COMBINE IS SERVED BY ROUTE 3 AND THE KEP/THAI NGUYEN AND HA NOI/THAI NGUYEN RAIL LINES.

IRON AND STEEL COMBINE HAS BEEN SUBJECTED TO AIR STRIKE, DAMAGE ASSESSMENT TO COMPONENTS OF THE COMBINE IS AS FOLLOWS.

AREA A (WESTERN SECTION OF COMBINE) -- WAREHOUSE AND TRANSSHIPMENT AREA CONTAINS 20 LARGE MONITOR-ROOFED WAREHOUSES (7 DESTROYED, 2 SEVERELY DAMAGED, 6 SUPERFICIALLY DAMAGED, 5 UNDAMAGED), 9 SMALLER STORAGE BUILDINGS (6 DESTROYED, 3 DAMAGED), AND 2 REVETTED BUILDINGS (UNDAMAGED).

AREA B (SW SECTION OF COMBINE) -- REFACTORY BRICK AREA CONTAINS 1 LONG MONITOR-ROOFED BUILDING WITH 3 STACKS AND CONNECTED TO 3 SMALLER BUILDINGS BY A CONVEYOR SYSTEM (MODERATELY DAMAGED), 1 PROBABLE ORE PROCESSING BUILDING WEST OF THE BRICK PLANT (DAMAGED), 1 PROCESSING BUILDING NORTH OF THE BRICK PLANT (MODERATELY DAMAGED), AND 8 SMALLER SUPPORT BUILDINGS (2 DESTROYED, 1 SUPERFICIALLY DAMAGED, 5 UNDAMAGED). A RAILWAY CAR AND LOCOMOTIVE REPAIR FACILITY IMMEDIATELY SOUTH OF THE BRICK PLANT CONTAINS 3 LARGE BUILDINGS (2 WITH MONITOR ROOFS, ONE OF WHICH IS MODERATELY DAMAGED).

AREA C (SOUTH-CENTRAL AREA OF COMBINE) -- FOUNDRY/FABRICATION AND ADMINISTRATION AREA CONTAINS 7 FOUNDRY/FABRICATION BUILDINGS, 3 WITH MONITOR ROOFS (2 BUILDINGS DESTROYED, 1 SEVERELY DAMAGED, 1 SUPERFICIALLY DAMAGED, 3 UNDAMAGED), A REVETTED TERMINAL SUBSTATION, 3 MULTI-WING ADMINISTRATION BUILDINGS (1 DISMANTLED, 1 WITH WEST WING DAMAGED), 12 SUPPORT BUILDINGS (9 DESTROYED/SEVERELY DAMAGED), AND A WATER TOWER (DESTROYED).

AREA D (SE SECTION OF COMBINE) -- ROLLING MILL UNDER CONSTRUCTION CONTAINS 1 LARGE MONITOR-ROOFED BUILDING UNDER CONSTRUCTION (SEVERELY DAMAGED) AND 9 SMALL SUPPORT BUILDINGS (4 DESTROYED, 5 DAMAGED).

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AREA E (NE SECTION OF COMBINE) -- BLAST FURNACE/OPEN HEARTH AREA CONTAINS 1 OPEN HEARTH FURNACE BUILDING (MODERATELY DAMAGED) WITH 2 STACKS, 1 STEAMPLANT WITH SEVERELY DAMAGED BOILER AREA, 1 COMPRESSOR BUILDING UNDER CONSTRUCTION (SEVERELY DAMAGED), 1 RAIL-SERVED MONITOR-ROOFED PROBABLE STRIPPING AND INGOT STORAGE BUILDING, 3 BLAST FURNACES (EASTERN FURNACE PROBABLY DAMAGED AND EASTERN CASTING SHED DAMAGED), CENTRAL AND WESTERN FURNACE UNITS (PROBABLY UNDAMAGED), AIR PIPES FROM FURNACES TO PRECIPITATORS (SEVERELY DAMAGED), A SHIP HOIST FROM THE CENTRAL FURNACE (DESTROYED), A STOCK TRESSLE BUILDING (SEVERELY DAMAGED) OPPOSITE THE CENTRAL FURNACE, AND 20 SUPPORT BUILDINGS (5 DESTROYED, 3 DAMAGED, 12 UNDAMAGED).

AREA F (NORTH-CENTRAL SECTION OF COMBINE) -- COAL AND LIMESTONE PREPARATION AREA CONTAINS A LARGE RAIL-SERVED OPEN COAL AND ORE STORAGE AREA, 1 COKE OVEN BATTERY, A CONVEYOR-SERVED ORE SENTERING/PREPARATION PLANT WITH 1 LARGE RAIL-SERVED BUILDING (WESTERN EXTENSION SEVERELY DAMAGED), A COKE BY-PRODUCTS PLANT, 6 STORAGE TANKS (DESTROYED), 3 SMALL PROCESSING BUILDINGS (DESTROYED), AT LEAST 12 SUPPORT BUILDINGS (DESTROYED), COVERED CONVEYOR SYSTEMS AND AN OVERHEAD ORE PIPELINE (BOTH INTERDICTED IN NUMEROUS AREAS), AND A COAL TREATMENT BUILDING IN THE SOUTHERN PART OF THE COAL STORAGE AREA (DAMAGED).

A WATER TREATMENT AREA NORTH OF THE COMBINE CONTAINS A WATER SETTLING POND, A WATER STORAGE TANK, 2 UNDERGROUND TANKS, 4 ASSOCIATED BUILDINGS (1 REVETTED), AND A PUMPHOUSE ON THE SOUTH BANK OF THE SONG CAN. A PROBABLE WOOD PRODUCTS AREA NE OF THE COMBINE CONTAINS 9 LARGE WAREHOUSES, 10 SMALL STORAGE/SUPPORT BUILDINGS, 1 SMALL REVETTED PROBABLE TRANSFORMER BUILDING AND AN OPEN STORAGE YARD.

25X1

THUONG CAT PETROLEUM PRODUCTS STORAGE

VN. 2105N 10545E

NO COMRX

POL TANKS PREVIOUSLY OBSERVED IN THE BOATYARD ARE NO LONGER VISIBLE.

25X1

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HA NOI STORAGE AREA GIA THUONG

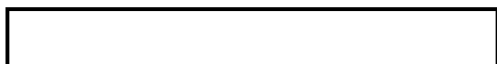
VN 2103N 10553E

NO COMRX

4.5 NM NE OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM WJ930295.

WALLED MAIN DEPOT AREA (HA NOI ARMY SUPPLY DEPOT NE THUONG CAT, [REDACTED] CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2 VEHICLE MAINTENANCE SHEDS, 1 LARGE TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS, 33 GABLE-ROOFED STORAGE BUILDINGS (4 LARGE), AND 5 MONITOR-ROOFED STORAGE BUILDINGS. A RAIL BY-PASS FROM THE HA NOI/PING-HSIANG RAIL LINE TERMINATES IN 2 DEAD HEADS AT A RAIL-TO-ROAD TRANSSHIPMENT POINT IN AN OPEN STORAGE AREA.

25X1



25X1

HA NOI PETROLEUM PRODUCTS STORAGE THANH AM VN 2104N 10553E

NO COMRX

3.7 NM NE OF HA NOI AT UTM WJ932294. ALL TANKS HAVE BEEN DESTROYED/DISMANTLED. THE FACILITY APPEARS TO BE ABANDONED. TWELVE RAIL CARS OBSERVED ON THE RAIL SPUR OUTSIDE THE POL AREA.



25X1

HA GIA PET PRODUCTS STORAGE SSW UG

VN 2116N 10550E

NO COMRX

3.5 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ869516. RAIL AND ROAD SERVED FACILITY CONTAINS 7 UNDAMAGED, PARTIALLY BURIED CYLINDRICAL STORAGE TANKS, 2 PARTIALLY BURIED CYLINDRICAL TANKS WITH SEVERE ROOF DAMAGE, AND 8 BUNKERED CYLINDRICAL TANKS (1 POSSIBLY DAMAGED). THE RAIL SPUR SERVING THE FACILITY HAS BEEN SUBJECTED TO AIR STRIKE, 5 BUILDINGS ARE DAMAGED OR DESTROYED AND RAILS ARE DISRUPTED.



25X1

THAI NGUYEN COMPLEX

VN 2135N 10551E

NO COMRX

SMALL RESIDENTIAL COMPLEX APPROXIMATELY 1 SQ MI IN AREA, ON THE KAU RIVER, CONTAINS NO INDUSTRIES. LIGHT BOMB DAMAGE OBSERVED AT THE SOUTH END OF THE BRIDGE.



25X1

SECRET

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NGUYEN KHE STORAGE AREA TOWN

VN 2109N 10551E

NO COMRX

1 NM SOUTH OF NGUYEN KHE AT UTM WJ886395.
ENTIRE RAILYARD HAS BEEN SUBJECTED TO SATURATION
BOMBING. ALL BUILDINGS ARE DESTROYED AND RAIL SPURS
APPEAR TO BE UNSERVICEABLE. SEVERAL PILES OF PIPE OR
POLE SECTIONS ARE STORED IN A CLEARED AREA IN THE
CENTER OF THE YARD.



25X1

HA DONG SWITCHING STATION/TRANSFORMER YARD VN 2057N 10545E

NO COMRX

1.3 NM SW OF HA DONG AND 0.3 NM NW OF VAN LA AT UTM
WJ793175.
INSTALLATION UNDER CONSTRUCTION IS FENCE SECURED AND
CONTAINS 1 PROBABLE SWITCHING HOUSE, 4 SUPPORT
BUILDINGS AND 2 TRANSFORMER YARDS.



25X1

NGUYEN KHE PETROLEUM PRODUCTS STORAGE

VN 2110N 10551E

NO COMRX

ENTIRE STORAGE AREA IS DESTROYED/DISMANTLED. AREA
APPEARS TO BE ABANDONED, NO ACTIVITY DISCERNIBLE.



25X1

HA GIA PET PRODUCTS STORAGE SSW UG

VN 2116N 10550E

NO COMRX

3.5 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ869516.
ROAD AND RAIL SERVED FACILITY CONTAINS 8 PARTIALLY
BURIED CYLINDRICAL TANKS (1 WITH SEVERE ROOF DAMAGE)
AND 8 BUNKERED CYLINDRICAL TANKS (1 POSSIBLY DAMAGED).
THE RAIL SPUR SERVING THE FACILITY HAS BEEN REPAIRED.



25X1

HA NOI MV REPAIR AND REASSEMBLY PLANT

VN 2059N 10548E

NO COMRX

IMMEDIATELY SOUTH OF THUONG DINH AND 2.9 NM SW OF HA
NOI AT UTM WJ847219.
VEHICLE MAINTENANCE AREA CONTAINS 1 LARGE AND 7 MEDIUM
VEHICLE MAINTENANCE BUILDINGS, 1 LARGE, 7 MEDIUM, AND
11 SMALL STORAGE BUILDINGS, 3 BARRACKS, 1

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ADMINISTRATION BUILDING, 1 MESSHALL, 10 SUPPORT BUILDINGS, AND 8 OTHER BUILDINGS. LIGHT VEHICLE TRACK ACTIVITY OBSERVED.



25X1

HA NOI PET PRODUCTS STGE UG THANH LIET VN 2058N 10549E NO COMRX

0.4 NM WEST OF THANH LIET. POL TANKS ARE NOT OBSERVED, HOWEVER, TRACK ACTIVITY IN AND AROUND THE POL STORAGE AREA INDICATES THAT IT IS STILL IN OPERATION.



25X1

HA NOI RUBBER PRODUCTS PLANT VN 2058N 10548E NO COMRX

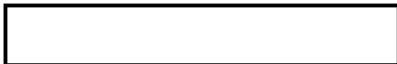
SW EDGE OF HA NOI, 3 NM NE OF HA DONG AT UTM WJ846215. PLANT CONSISTS OF A PARTIALLY FENCED AREA CONTAINING 3 PROCESSING/FABRICATION BUILDINGS, 1 ADMINISTRATION BUILDING, 2 POWERPLANTS, 22 STORAGE/SUPPORT BUILDINGS, AND 5 CHEMICAL TANKS.



25X1

TUY LOC DAM VN 1811N 10603E NO COMRX

1 NM SW OF THUONG LOC. DAM CONSTRUCTION IS NOW COMPLETE AND THE RESERVOIR IS FULL OF WATER. BARRACKS AREAS IMMEDIATELY NE AND NW HAVE APPARENTLY BEEN DISMANTLED.



25X1

XOM GIA HIGHWAY BRIDGE OVER SONG GIA VN 1825N 10548E NO COMRX

2.2 NM SE OF YEN VINH AT UTM WF853364. BRIDGE IS UNSERVICEABLE. ONE OF 3 BY-PASS BRIDGES IS SERVICEABLE.



25X1

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SECRET

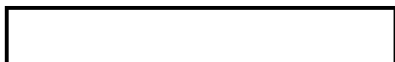
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HON MATT (ISLAND)

VN 1847N 10557E NO COMRX

NO MILITARY ACTIVITY OBSERVED.

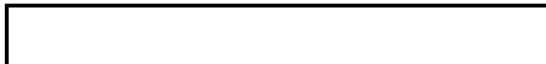


25X1

LANG NHON RAILROAD YARD

VN 2224N 10401E NO COMRX

EAST EDGE OF LANG NHON AT UTM UK996788.
RAILYARD CONTAINS 6 TRACKS AND A TURNING WYE AT THE
NORTH END. TWO RAIL CARS OBSERVED.

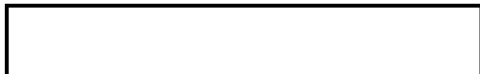


25X1

CU VAN PETROLEUM PRODUCTS STORAGE

VN 2137N 10543E NO COMRX

1.2 NM SW OF CU VAN AT UTM WJ750907.
NUMEROUS POL TANKS ARE UNCOVERED AND THE EXTENSIVE
ACTIVITY INDICATES THAT THE POL TANKS ARE APPARENTLY
BEING REMOVED FROM THE STORAGE AREA.



25X1

LAO CAI STORAGE AREAS

VN 2230N 10359E NO COMRX

1 NM NE OF LAO CAI.
AT LEAST 7 SMALL STORAGE AREAS ARE VISIBLE ALONG THE
ROAD LEADING NE FROM LAO CAI. AT LEAST 40 STORAGE
BUILDINGS AND 6 SUPPORT BUILDINGS OBSERVED.

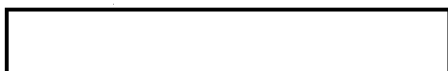


25X1

VINH RAILROAD CLASSIFICATION YARD NW

VN 1841N 10540E NO COMRX

1.2 NM NNW OF VINH.
YARD HAS BEEN SUBJECTED TO AIR STRIKE, AND NUMEROUS
BOMB CRATERS ARE OBSERVED IN THE IMMEDIATE AREA.
HEAVILY DAMAGED FACILITIES DO NOT APPEAR TO BE
SERVICEABLE.



25X1

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VINH COMPLEX

VN 1840N 10541E NO COMRX

COMPLEX HAS BEEN SUBJECTED TO AIR STRIKE. ALL MILITARY INSTALLATIONS, PORT FACILITIES, AND INDUSTRIES APPEAR TO BE DESTROYED AND ABANDONED.

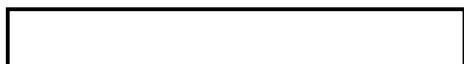


25X1

YEN THAI RAILROAD BRIDGE OVER SONG CA

VN 1835N 10537E NO COMRX

5.4 NM SW OF VINH ON THE SONG CA (RIVER). APPROACHES AND 6 PIERS ARE IN PLACE. NO EVIDENCE OF CONTINUING CONSTRUCTION ACTIVITY OBSERVED.



25X1

HO-KOU STORAGE AREA

CH 2234N 10354E NO COMRX

5.5 NM NW OF HO-KOU. ROAD-SERVED STORAGE AREA CONSISTS OF 21 STORAGE/SUPPORT BUILDINGS.

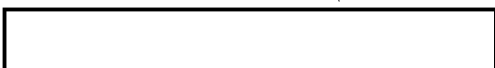


25X1

LIU-TIAO-PAN RAILROAD YARDS AND SHOPS

CH 2231N 10400E NO COMRX

IN LIU-TIAO-PAN. RAILYARD IS 7 TRACKS WIDE AND HAS A TURNING WYE ON THE WEST EDGE. SEVERAL STORAGE BUILDINGS ARE LOCATED ALONG THE EAST SIDE OF THE YARD. A LARGE TRANSSHIPMENT BUILDING IS LOCATED ALONG THE TURNING WYE. ACTIVITY -- 6 PIECES OF ROLLING STOCK.



25X1

TUNG-FANG HYDRO POWERPLANT LOKOSHING

CH 1902N 10859E NO COMRX

IDENTIFICATION ONLY.



25X1

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LAO-YANG-TIEN THERMAL POWERPLANT

CH 1913N 10855E NO COMRX

IDENTIFICATION ONLY.



25X1

LAO-YANG-TIEN CEMENT PLANT

CH 1914N 10856E NO COMRX

IDENTIFICATION ONLY.



25X1

NA-FA-TUI-HSUN POSS POL REDISTRIBUTION PT CH 2237N 10308E NO COMRX

IDENTIFICATION ONLY.

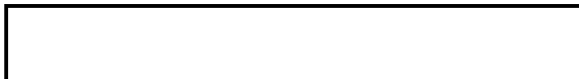


25X1

TUNG-HAI-TAN SUPPLY STORAGE AREA

CH 1906N 10838E NO COMRX

IDENTIFICATION ONLY.



25X1

TIEN-TU-TSUN STORAGE AREAS

CH 1818N 10937E NO COMRX

IDENTIFICATION ONLY.



25X1

THAP THUAN EXPLOSIVES STORAGE AREA

VN 2104N 10539E NO COMRX

IDENTIFICATION ONLY.

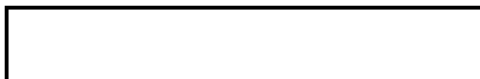


25X1

NAM DINH COMPLEX

VN 2025N 10610E NO COMRX

IDENTIFICATION ONLY.



25X1

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NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BA VN 2059N 10643E NO COMRX

IDENTIFICATION ONLY.



25X1

HOANG LO STORAGE AREA

VN 2055N 10654E NO COMRX

IDENTIFICATION ONLY.



25X1

DO SON PETROLEUM STORAGE

VN 2042N 10647E NO COMRX

IDENTIFICATION ONLY.

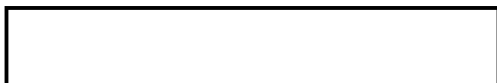


25X1

DONG HOI CAVE STORAGE MUI TA LUS

VN 1916N 10548E NO COMRX

IDENTIFICATION ONLY.



25X1

LUNG HUU STORAGE AREA

VN 2124N 10533E NO COMRX

IDENTIFICATION ONLY.



25X1

VINH PETROLEUM PRODUCTS STORAGE

VN 1840N 10543E NO COMRX

IDENTIFICATION ONLY.

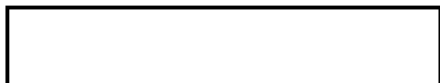


25X1

VINH PROCESSING INDUSTRY

VN 1834N 10538E NO COMRX

IDENTIFICATION ONLY.



25X1

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TRIENG XEN PROBABLE STORAGE AREA

VN 2036N 10516E NO COMRX

IDENTIFICATION ONLY.



25X1

XOM DENH STORAGE AREA

VN 2054N 10527E NO COMRX

IDENTIFICATION ONLY.

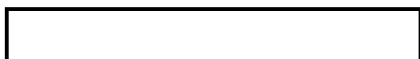


25X1

NAM DINH PETROLEUM PRODUCTS STORAGE

VN 2024N 10610E NO COMRX

IDENTIFICATION ONLY.



25X1

XOM MU HANG STORAGE AREA

VN 2058N 10516E NO COMRX

IDENTIFICATION ONLY.



25X1

CHAN MONG STORAGE AREA

VN 2132N 10513E NO COMRX

IDENTIFICATION ONLY.



25X1

DONG MU PETROLEUM PRODUCTS STORAGE

VN 2106N 10509E NO COMRX

IDENTIFICATION ONLY.



25X1

HOANG MAI PETROLEUM PRODUCTS STORAGE

VN 2114N 10606E NO COMRX

IDENTIFICATION ONLY.



25X1

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SECRET

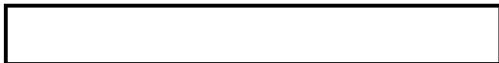
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BANG SO PETROLEUM PRODUCTS STORAGE PUG VN 2053N 10553E NO COMRX

IDENTIFICATION ONLY.

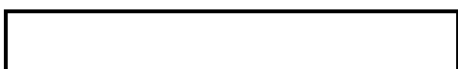


25X1

NGAI CAU U/I ACTIVITY

VN 2059N 10543E NO COMRX

IDENTIFICATION ONLY.



25X1

SON DONG STORAGE

VN 2105N 10530E NO COMRX

IDENTIFICATION ONLY.



25X1

TUNG TU POL PRODUCTS STORAGE UG

VN 2129N 10552E NO COMRX

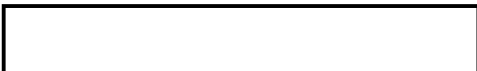
IDENTIFICATION ONLY.



25X1

DONG PHONG THUONG RR & HWY BRIDGE OV LEN R VN 1958N 10550E NO COMRX

0.5 NM SSW OF DONG PHONG THUONG AT UTM WH886090.
 MAIN BRIDGE IS DESTROYED. CONSTRUCTION ON RAIL BY-PASS
 IS COMPLETE. BOTH APPROACHES TO THE BY-PASS BRIDGE ARE
 CRATERED. A SECOND RAIL BY-PASS HAS BEEN BUILT AT UTM
 WH890091. BOTH APPROACHES ARE CRATERED. BRIDGE IS
 UNSERVICEABLE.



25X1

LANG CHI HYDROELECTRIC POWERPLANT THAC BA VN 2144N 10501E NO COMRX

23 NM NNW OF PHU THO AT UTM WK031046.
 POWERPLANT CONSTRUCTION STATUS -- GENERATOR HALL AND
 RACES APPROXIMATELY 30 PERCENT COMPLETE. CONSTRUCTION
 ACTIVITY APPEARS TO BE LIGHT AT PRESENT. LIGHT
 VEHICULAR ACTIVITY OBSERVED. DAM APPROACHES OBSERVED,
 RIVER IS STILL FREE FLOWING. CONSTRUCTION ON THE DAM
 ITSELF IS NOT EVIDENT AT THIS TIME.

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25X1

HAI PHONG CEMENT PLANT

VN 2051N 10640E NO COMRX

WEST EDGE OF HAI PHONG AT THE CONFLUENCE OF THE SONG TRAM BAC AND THE CUA CAM. PLANT HAS BEEN SUBJECTED TO AIR STRIKE. THE FOLLOWING DAMAGE IS OBSERVED. ONE KILN BUILDING HAS BEEN DESTROYED, 1 IS HEAVILY DAMAGED, AND 1 LIGHTLY DAMAGED. TWO CLINKER STORAGE BUILDINGS HAVE BEEN HEAVILY DAMAGED, 1 SUSTAINED MODERATE DAMAGE, AND THE COAL TREATMENT PLANT SUSTAINED SUPERFICIAL DAMAGE. THREE WAREHOUSES HAVE BEEN DESTROYED, 1 HEAVILY DAMAGED, AND THE LIMESTONE CRUSHING BUILDING DESTROYED. ONE PACKING BUILDING IS HEAVILY DAMAGED AND 3 SUPPORT BUILDINGS HAVE BEEN DESTROYED. THE REMAINING STRUCTURES SUSTAINED SUPERFICIAL DAMAGE. THE PLANT IS NON-OPERATIONAL, AND NO ATTEMPT TO RESTORE IT IS DISCERNIBLE.

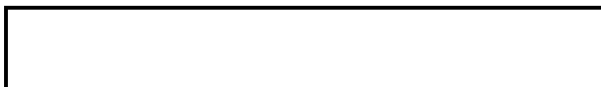


25X1

SAVANNAKHET COMPLEX

LA 1633N 10445E NO COMRX

SMALL COMMERCIAL PORT AND MILITARY CENTER ON THE MEKONG RIVER. ACTIVITY -- APPROXIMATELY 24 SMALL RIVER CRAFT.



25X1

HAI PHONG THERMAL POWERPLANT EAST

VN 2052N 10642E NO COMRX

SOUTH BANK OF THE CUA CAM (ESTUARY), 1.9 NM NE OF HAI PHONG AT UTM XJ782086. PLANT CONSISTS OF 1 HEAVILY DAMAGED BOILERHOUSE, 1 HEAVILY DAMAGED GENERATOR HALL, A SLIGHTLY DAMAGED AUXILIARY DIESEL GENERATOR HALL, A DAMAGED TRANSFORMER/SWITCHING BUILDING, 3 DESTROYED POL STORAGE TANKS, AND NUMEROUS DESTROYED/DAMAGED SUPPORT BUILDINGS. ONE FINGER PIER IS UNDAAGED. THE PLANT IS NON-OPERATIONAL.



25X1

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PHAM XA RR CLASSIFICATION YARD

VN 2058N 10627E

NO COMRX

0.2 NM NW OF PHAM XA AT UTM XJ512191.
CLASSIFICATION YARD, 3 TRACKS WIDE, CONTAINS A
PASSENGER TERMINAL AND 2 SUPPORT BUILDINGS.
NO ROLLING STOCK OBSERVED.



25X1

CHO BO HIGHWAY FERRY OVER BLACK RIVER

VN 2045N 10511E

NO COMRX

TWO FERRY BOATS OBSERVED MOORED UNDER TREES ON THE SE
BANK OF THE RIVER. NO APPARENT CHANGE IN FACILITIES.



25X1

HO HAI PONTOON BRIDGE

VN 2046N 10504E

NO COMRX

IMMEDIATELY NE OF SUVUI AND 0.2 NM NE OF HO HAI AT UTM
WH085964.

PONTOON BRIDGE OVER THE BLACK RIVER (SONG BO) IS USED
TO CONNECT ROUTE 6 AT A FORMER FERRY CROSSING. THE
PONTOON SECTIONS ARE OBSERVED MOORED ON NW BANK OF THE
RIVER.



25X1

LANG CHI EXPLOSIVES PLANT

VN 2141N 10514E

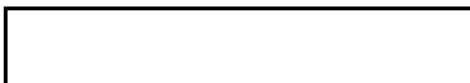
NO COMRX

THREE AREAS 1.5 NM NE OF HA CU ON THE WEST BANK OF SONG
LA (RIVER).

AREA A (UTM WJ257992) -- AREA HAS BEEN SUBJECTED TO AIR
STRIKE AND IS SEVERELY DAMAGED EXCEPT FOR 1 LARGE
ADMINISTRATION BUILDING AND 2 SMALL SUPPORT BUILDINGS.
THE 8 REVETTED BUILDINGS AND AN UNDERGROUND ENTRANCE ON
THE SOUTH SIDE OF AREA A ARE UNDAMAGED.

AREA B (UTM WJ241992) -- 1 REVETTED STORAGE BUILDING IS
DESTROYED AND 9 REVETTED STORAGE BUILDINGS REMAIN.

AREA C (UTM WJ249994) -- 3 BUILDINGS REMAIN.



25X1

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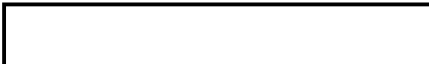
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VAN LA STORAGE DEPOT SOUTH

VN 2056N 10545E NO COMRX

2.1 NM SW OF HA DONG AT UTM WJ789157.
FOUR DOUBLE-GABLED WAREHOUSES ARE ROOFLESS AND 3
SINGLE-GABLED WAREHOUSES SHOW SIGNS OF GENERAL
DETERIORATION WITH SECTIONS OF THE ROOFING MISSING. NO
ACTIVITY NOTED. SUPPORT BUILDINGS ALSO SHOW GENERAL
DETERIORATION. THE AREA APPEARS TO BE INACTIVE.



25X1

BAC GIANG PETROLEUM PRODUCTS STORAGE

VN 2116N 10611E NO COMRX

SOUTH EDGE OF BAC GIANG ON EAST BANK OF SONG THUONG
(RIVER).
POL STORAGE AREA HAS BEEN SUBJECTED TO AIR STRIKE. TWO
ABOVEGROUND VERTICAL CYLINDRICAL TANKS, 2 UNDERGROUND
CYLINDRICAL TANKS, AND 27 BUNKERED HORIZONTAL TANKS
REMAIN IN THE TARGET AREA. FIVE SUPPORT BUILDINGS ARE
DISCERNIBLE IN THE AREA. AN OIL OFFLOADING PIER
APPEARS TO BE SERVICEABLE. THE RAIL SPUR APPEARS TO BE
UNSERVICEABLE.



25X1

BAC GIANG CHEMICAL FERTILIZER PLANT

VN 2118N 10612E NO COMRX

2 NM NORTH OF BAC GIANG AT UTM XJ253557.
HEAVY BOMB DAMAGE OBSERVED IN THE WESTERN PART OF THE
PLANT. TWO WET GASOMETERS AND 5 PROCESSING BUILDINGS
ARE DESTROYED AND MODERATE-TO-HEAVY DAMAGE INFLICTED TO
OTHER MAJOR COMPONENTS. THE CONVEYOR SYSTEM APPEARS TO
BE DAMAGED. THE COAL PIER AND CRANES APPEAR TO BE
INTACT WITH DAMAGE TO THE COAL CONVEYOR. THE MAJOR
PART OF THE WORKERS BARRACKS AREA HAS BEEN DISMANTLED.
THE PLANT APPEARS TO BE NON-OPERATIONAL, AND NO ATTEMPT
TO REPAIR THIS FACILITY IS DISCERNIBLE.



25X1

DAP CAU PORT FACILITIES EAST SONG CAU

VN 2112N 10606E NO COMRX

18 NM NORTHEAST OF HA NOI ON THE SOUTH BANK OF THE SONG
CAU (RIVER) AT UTM XJ147446.
COAL PORT CONTAINS FACILITIES FOR THE TRANSSHIPMENT
FROM RIVER BARGE TO RAIL AND CONSISTS OF 3 OPEN STORAGE

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SECRET

SECRET

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AREAS CONTAINING COAL. NUMEROUS PORTABLE CONVEYOR BELTS ARE SCATTERED THROUGHOUT THE AREA. THE AREA IS SERVED BY ROUTE 1A AND A RAIL SPUR CONNECTS THE PORT WITH THE HA NOI/PING-HSIANG RAIL LINE.
ACTIVITY -- 4 LARGE COAL BARGES AND 3 SMALL CRAFT.



25X1

THANH DAM STORAGE SITE

VN 1906N 10543E NO COMRX

NE EDGE OF PHU LONG, 1 NM NE OF THANH DAM.
WALLED AREA CONTAINS 14 PARTIALLY DISMANTLED BUILDINGS.



25X1

PHU LUU STORAGE AREA

VN 2038N 10620E NO COMRX

TWO FENCED AREAS 1.3 NM SSE OF QUYNH NGOC AT UTM XH394831.
AREA A CONTAINS 15 STORAGE BUILDINGS AND 6 SMALL SUPPORT BUILDINGS.
AREA B CONTAINS 23 BARRACKS/STORAGE BUILDINGS.



25X1

HAI PHONG COMPLEX

VN 2051N 10641E NO COMRX

COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS EXTENSIVE DOCKING FACILITIES, A NAVAL BASE, A CEMENT PLANT, BOAT BUILDING AND REPAIR FACILITIES, 2 POWERPLANTS, POL STORAGE, SEVERAL LIGHT INDUSTRIES, AND RAIL FACILITIES INCLUDING A 2,100 FT RAILYARD 7 TRACKS WIDE, CAR REPAIR FACILITIES, AND A TURNING WYE. THE CEMENT PLANT, THE 2 THERMAL POWERPLANTS, AND THE POL STORAGE FACILITY HAVE BEEN DAMAGED/DESTROYED BY REPEATED AIR STRIKES.



25X1

LOI DONG TRANSSHIPMENT POINT CUA CAM

VN 2053N 10637E NO COMRX

0.4 NM NNE OF CONG MY, 4 NM NW OF HAI PHONG, ON THE WEST BANK OF THE CUA CAM (RIVER).
RAIL-SERVED INSTALLATION CONTAINS 6 BREASTING PLATFORMS, A 4-TRACK RAILYARD (ONE UNDER CONSTRUCTION),

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AND A CONVEYOR SYSTEM. THE RAILYARD HAS BEEN CRATERED IN AT LEAST 2 PLACES AND 1 SECTION OF THE CONVEYOR IS DESTROYED. A LARGE OPEN STORAGE AREA IS ADJACENT TO THE WHARVES.



25X1

LOI DONG WAREHOUSE AREA

VN 2053N 10637E NO COMRX

TWO STORAGE SITES 0.7 NM WEST OF LOI DONG AT UTM XJ684105.

NORTH SITE -- 21 STORAGE BUILDINGS AND 3 SUPPORT BUILDINGS.

SOUTH SITE -- ONLY 5 SMALL BUILDINGS REMAIN.



25X1

HAI PHONG THERMAL POWERPLANT WEST

VN 2051N 10640E NO COMRX

NW EDGE OF HAI PHONG AT UTM XJ738078. PLANT HAS BEEN SUBJECTED TO REPEATED AIR STRIKES AND HAS SUSTAINED THE FOLLOWING DAMAGE. THE BUILDING HOUSING THE TRANSFORMERS, BOILERS, AND GENERATORS IS HEAVILY DAMAGED, THE 2 COOLING TOWERS ARE MODERATELY DAMAGED, THE WATER TREATMENT BUILDING IS MODERATELY DAMAGED, AND 2 ASSOCIATED BUILDINGS ARE DESTROYED. THE PLANT APPEARS TO BE NON-OPERATIONAL.



25X1

HAI PHONG PETROLEUM PRODUCTS STORAGE

VN 2053N 10640E NO COMRX

NW EDGE OF HAI PHONG ON SOUTH BANK OF CUA CAM. CUMULATIVE DAMAGE ASSESSMENT REVEALS 28 ABOVEGROUND CYLINDRICAL TANKS DESTROYED/DISMANTLED, 2 SEVERELY DAMAGED, 5 HORIZONTAL SERVICE TANKS DESTROYED/DAMAGED, AND 3 FINGER PIERS UNDAMAGED. THE MAJORITY OF BUILDINGS WITHIN THE STORAGE AREA APPEAR TO BE DESTROYED/DAMAGED. TWELVE RAIL TANK CARS ARE OBSERVED ON RAIL SPURS IMMEDIATELY SOUTH OF THE FACILITY.



25X1

74
SECRET

SECRET

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YEN BAI NON-FERROUS METALS PLANT GIUA LANG VN 2146N 10451E NO COMRX

NE EDGE OF GIUA LANG.
 COMPLEX IS PRESENTLY NON-OPERATIONAL DUE TO HEAVY BOMB
 DAMAGE AND IS APPARENTLY ABANDONED. FIVE OF THE
 ORIGINAL PROCESSING BUILDINGS ARE DESTROYED, 3
 PROCESSING BUILDINGS ARE DAMAGED, THE HEAT/STEAM PLANT
 IS SEVERELY DAMAGED, 3 STORAGE/SUPPORT BUILDINGS ARE
 DESTROYED, 3 STORAGE/SUPPORT BUILDINGS AND 3
 ADMINISTRATION BUILDINGS ARE DAMAGED. THREE
 STORAGE/SUPPORT BUILDINGS ARE APPARENTLY UNDAMAGED.
 THE HOUSING/SUPPORT AREA, LOCATED IMMEDIATELY NW OF THE
 COMPLEX, IS ALSO UNDAMAGED AND CONSISTS OF 3 SEPARATE
 AREAS WITH 4 MULTISTORY BUILDINGS AND 24 ADDITIONAL
 BUILDINGS.



25X1

PHU THO COMPLEX

VN 2123N 10513E NO COMRX

COMPLEX CONSISTS OF 3 MILITARY AREAS EXTENDING
 GENERALLY NORTH FROM PHU THO (REFERENCED FROM PHU THO).

AREA A (2.7 NM NNW AT UTM WJ205695 PHU THO ARMY
 BARRACKS NW, [REDACTED] -- 25 BARRACKS, 7
 ADMINISTRATION BUILDINGS, 13 STORAGE BUILDINGS, 1
 AMMUNITION STORAGE BUILDING, AND APPROXIMATELY 20 OTHER
 BUILDINGS. TRENCHING AND TRACK ACTIVITY OBSERVED
 IMMEDIATELY NORTH AND EAST.

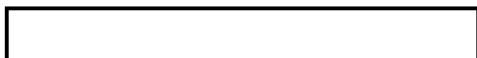
25X1

AREA B (3.6 NM NE AT UTM WJ263712 PHU THO ARMY BARRACKS
 [REDACTED] -- 12 BARRACKS, 5 ADMINISTRATION
 BUILDINGS, 4 ADMINISTRATION/SUPPORT BUILDING, 17
 STORAGE BUILDINGS, 10 REVETTED STORAGE BUILDINGS, 5
 MESSHALLS, AND 24 OTHER BUILDINGS. A TRAINING AREA
 WITH TRENCHING AND PERSONNEL POSITIONS IS OBSERVED
 IMMEDIATELY WEST. THREE OCCUPIED 4-GUN AAA SITES
 OBSERVED.

25X1

AREA C (2.1 NM NORTH AT UTM WJ230696) -- BARRACKS AND
 STORAGE AREA CONTAINS 27 BUILDINGS INCLUDING 13
 BARRACKS.

A RAILYARD AT NORTH EDGE OF THE CITY APPEARS TO BE
 INTERDICTED. ALL LINES ARE PROBABLY CUT AND NO BY-PASS
 IS DISCERNIBLE.



25X1

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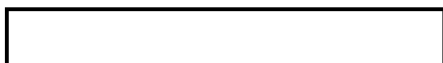
BLACK SHIELD MISSION 6705, 20 JUN 67

R-141/67

VIET TRI COMPLEX

VN 2117N 10525E NO COMRX

SMALL INDUSTRIAL COMPLEX ON WEST BANK OF THE RIVIERE CLAIRE IMMEDIATELY NORTH OF CONFLUENCE OF THE RIVIERE CLAIRE AND THE RIVIERE ROUGE. COMPLEX, APPROXIMATELY 1 SQ MI IN AREA, CONTAINS A RAILROAD YARD WITH 4 TRACKS, A SECURED POL STORAGE AREA WITH 2 LARGE, 2 MEDIUM, AND 4 SMALL VERTICAL TANKS, A RAIL-SERVED THERMAL POWERPLANT, A PROBABLE WOOD PROCESSING PLANT WITH 1 LARGE PROCESSING BUILDING, 5 LARGE WAREHOUSES, AND APPROXIMATELY 50 ASSOCIATED BUILDINGS, AND AN UNIDENTIFIED INDUSTRY WITH WATER TREATMENT FACILITIES, A CONVEYOR, AND 1 LARGE BUILDING. THE INDUSTRY APPEARS TO BE ACTIVE, INDUSTRIAL WASTE IS BEING DEPOSITED IN RIVIERE CLAIRE.



25X1

PHU THO CHEMICAL FERTILIZER PLANT LAM THAO VN 2119N 10517E NO COMRX

0.5 NM SOUTH OF THACH SON AND 7 NM SE OF PHU THO ON EAST BANK OF YUAN CHIANG (RED RIVER) AT UTM WJ305584. SECURED RAIL-SERVED PLANT CONTAINS 1 LARGE BUILDING, 20 SUPPORT BUILDINGS, NUMEROUS SMALLER BUILDINGS, 4 VERTICAL TANKS, 2 BURIED TANKS, A WATER TOWER, AND 3 CONVEYORS. FOUR ADMINISTRATION BUILDINGS AND 1 LARGE STORAGE BUILDING ARE IMMEDIATELY OUTSIDE THE SECURED AREA. NO BOMB DAMAGE DISCERNIBLE.



25X1

DIEN YEN DAM UNDER CONSTRUCTION

VN 1850N 10532E NO COMRX

1.5 NM SE OF DIEN YEN AT UTM WF568825. DAM CONSTRUCTION APPEARS TO BE COMPLETE, AND THE RESERVOIR IS FULL OF WATER.



25X1

TAM DA RR AND HWY BRIDGE OVER SONG CUA LO VN 1850N 10539E NO COMRX

7 NM NORTH OF VINH AIRFIELD. MAIN BRIDGE HAS BEEN DISMANTLED, AND A TEMPORARY BRIDGE APPEARS TO BE UNSERVICEABLE WITH BOTH APPROACHES CRATERED FROM REPEATED AIR STRIKES. A RAIL BY-PASS BRIDGE HAS BEEN CONSTRUCTED 0.6 NM SSW

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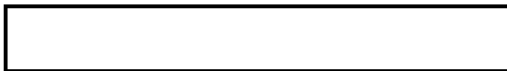
OF MAIN BRIDGE. SERVICEABILITY OF THE BY-PASS BRIDGE
IS UNDETERMINED.



25X1

THAI NGUYEN PROBABLE STORAGE AREA U/C VN 2140N 10551E NO COMRX

SMALL STORAGE COMPLEX AT UTM WJ894966.
AREA CONTAINS 6 STORAGE BUILDINGS.



25X1

THANH HOA RR AND HWY BRIDGE OVER SONG MA VN 1950N 10547E NO COMRX

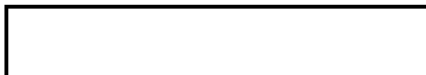
2.5 NM NE OF THANH HOA AT UTM WG836936.
BRIDGE HAS BEEN SUBJECTED TO REPEATED AIR STRIKES,
HOWEVER, IT REMAINS SERVICEABLE TO RAIL AND ROAD
TRAFFIC.



25X1

DIEN CHAU RR BRIDGE OVER SONG CUA DA VN 1858N 10535E NO COMRX

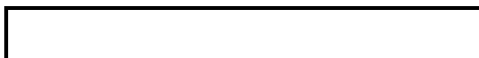
0.6 NM SSW OF TRANG KHE AT UTM WF614978.
MAIN BRIDGE HAS BEEN DESTROYED. THREE BY-PASS BRIDGES
HAVE BEEN CONSTRUCTED, NONE OF WHICH APPEAR TO BE
SERVICEABLE.



25X1

THANH TRA STORAGE SITE VN 2139N 10546E NO COMRX

1 NM SW OF THANH TRA AT UTM WJ804936.
ONE ADMINISTRATION BUILDING AND 2 SUPPORT BUILDINGS
REMAIN. ALL OTHER BUILDINGS HAVE BEEN DISMANTLED.
AREA APPEARS TO BE ABANDONED.



25X1

LAO CAI RAILROAD CLASSIFICATION YARD VN 2229N 10359E NO COMRX

0.5 NM SE OF LAO CAI AT UTM UK954873.
CLASSIFICATION YARD 1,800 FT LONG AND 8 TRACKS WIDE AT
UTM UK954872. A LOCOMOTIVE REPAIR SHOP WITH 3 TRACKS

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IS IMMEDIATELY SW.
ACTIVITY -- AT LEAST 14 PIECES OF ROLLING STOCK.



25X1

KINH NO MV REPAIR PLANT CUONG NO VN 2109N 10551E NO COMRX

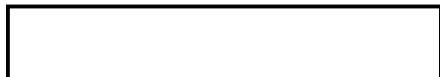
TWO AREAS 1 NM SE OF NGUYEN KHE.
AREA A (UTM WJ893393) -- WALL AND FENCE SECURED AREA WITH GUARD TOWERS CONSISTS OF 1 MULTISTORY ADMINISTRATION BUILDING, 5 MONITOR-ROOFED BUILDINGS AND 1 LARGE SAWTOOTH-ROOFED BUILDING. FIVE PEAK-ROOFED MAINTENANCE/REPAIR BUILDINGS, AND 1 SMALL GARAGE-TYPE BUILDING HAVE BEEN DESTROYED.
AREA B (SOUTH OF AREA A AT UTM WJ898390) -- 19 BARRACKS, 4 MULTISTORY ADMINISTRATION/BARRACKS, 13 SMALL SUPPORT BUILDINGS, 2 SMALL REVETTED BUILDINGS, AND A WATER TOWER. TRENCHES OBSERVED THROUGHOUT THE AREA.



25X1

HA NOI RR CAR REPAIR SHOPS GIA LAM VN 2103N 10553E NO COMRX

2.8 NM NE OF HA NOI ON THE HA NOI/LANG SON RAIL LINE. AREA HAS BEEN SUBJECTED TO AIR STRIKE RESULTING IN DAMAGE TO 90 PERCENT OF THE INSTALLATION. THREE LARGE MULTISECTION MONITOR-ROOFED BUILDINGS, 9 WAREHOUSES, AND NUMEROUS SMALLER BUILDINGS ARE DESTROYED. THE ADJACENT RAILYARD IS ALSO HEAVILY DAMAGED. TEN RAILCARS OBSERVED, HEAVILY DAMAGED. NO REPAIR ACTIVITY IS IN EVIDENCE. AREA APPEARS TO BE ABANDONED.



25X1

YEN THUONG RAIL YARD VN 2106N 10555E NO COMRX

1.2 NM NE OF YEN VIEN.
A NEW 7-TRACK RAILYARD (PROBABLY DUAL GAUGE) IS LOCATED ON THE HA NOI/PING-HSIANG RAIL LINE AT UTM WJ961325. EIGHTEEN PIECES OF ROLLING STOCK ARE OBSERVED IN THE YARD. A NEW TURNING WYE AND A SMALL 4-TRACK YARD ARE ADJACENT TO A NEW RAIL BY-PASS AT 210534N 1055532E, 0.7 NM SW OF THE YARD. A TRAIN WITH 1 LOCOMOTIVE AND 33 PIECES OF ROLLING STOCK IS OBSERVED ON THE MAIN TRACK SOUTH OF THE YARD.

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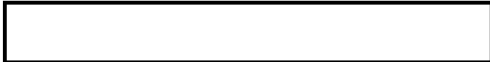


25X1

DAI DONG POSSIBLE STORAGE AREA

VN 2130N 10507E NO COMRX

IDENTIFICATION ONLY.

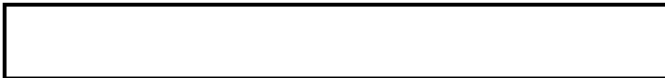


25X1

YU-LIN COMPLEX

CH 1814N 10930E NO COMRX

PORT CITY ON THE SOUTH COAST OF HAI-NAN TAO (ISLAND).
COMPLEX CONTAINS A NAVAL BASE AND 2 COMMERCIAL HARBORS,
BUT NO MAJOR INDUSTRY.



25X1

CAM DAI POSSIBLE PRISON

VN 2109N 10520E NO COMRX

IDENTIFICATION ONLY.



25X1

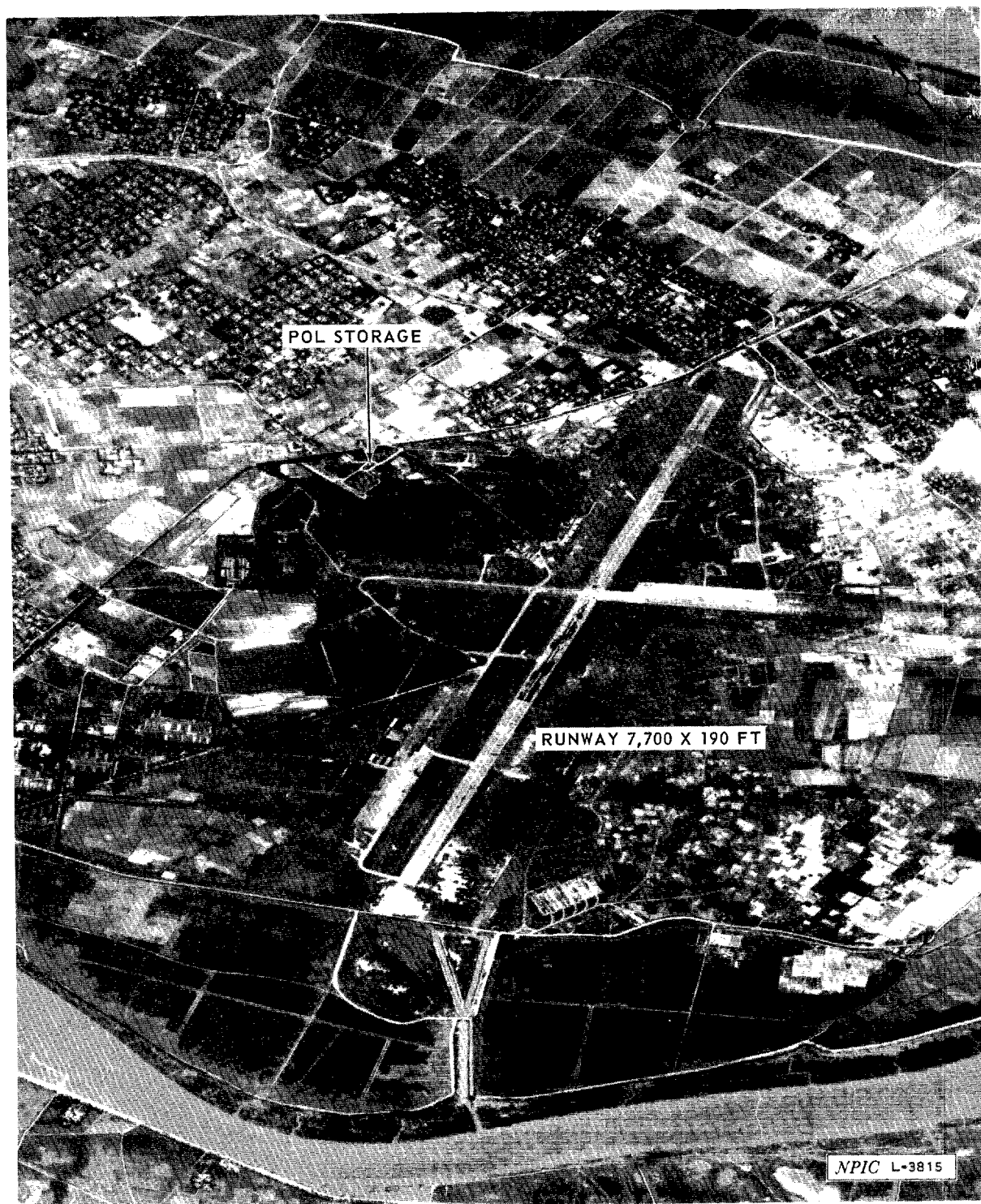
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Attachments

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NPIC/R-14 /67

ATTACHMENT 1



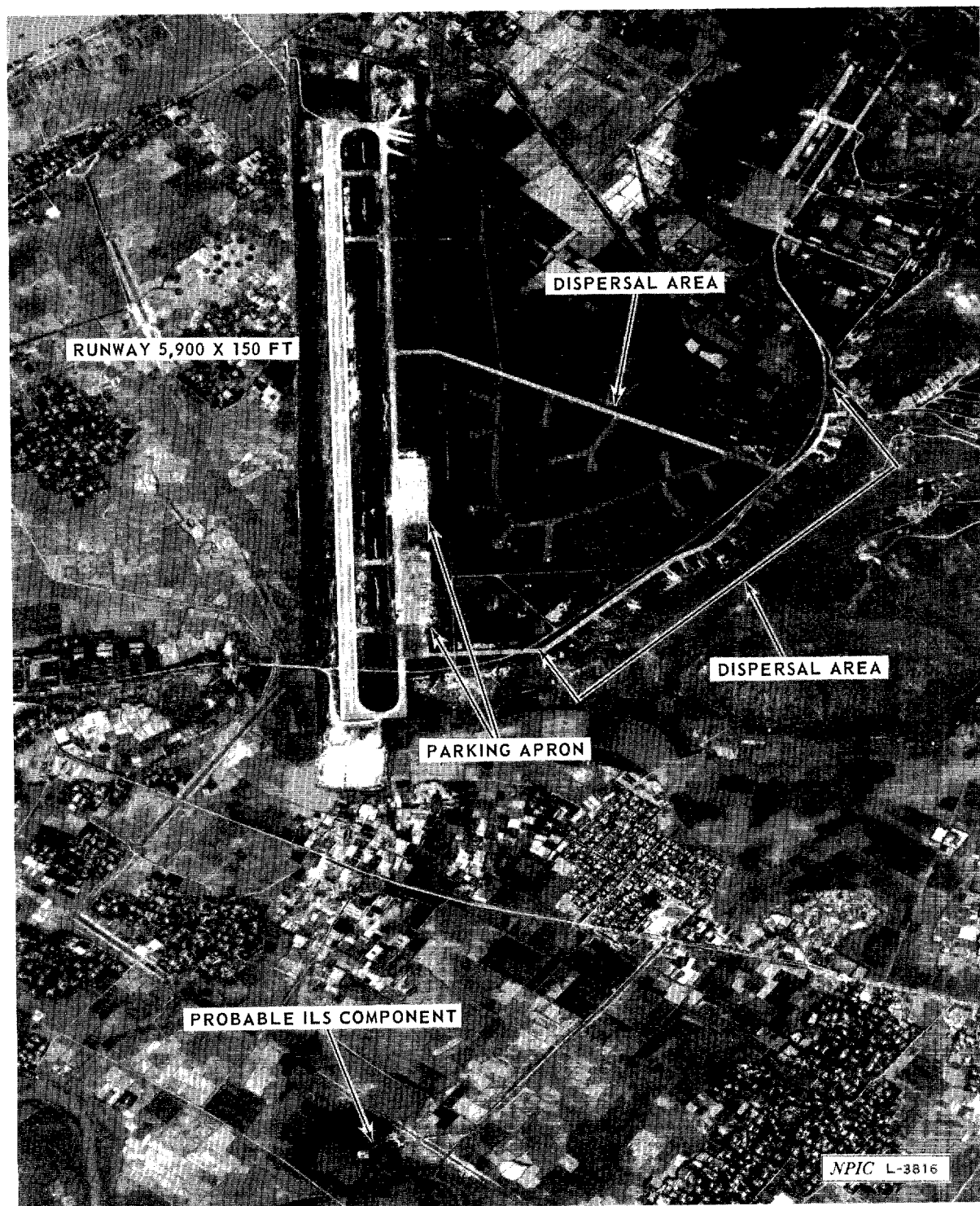
HAIPHONG/CAT BI AIRFIELD, NORTH VIETNAM.

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NPIC/R-141/67

ATTACHMENT 2



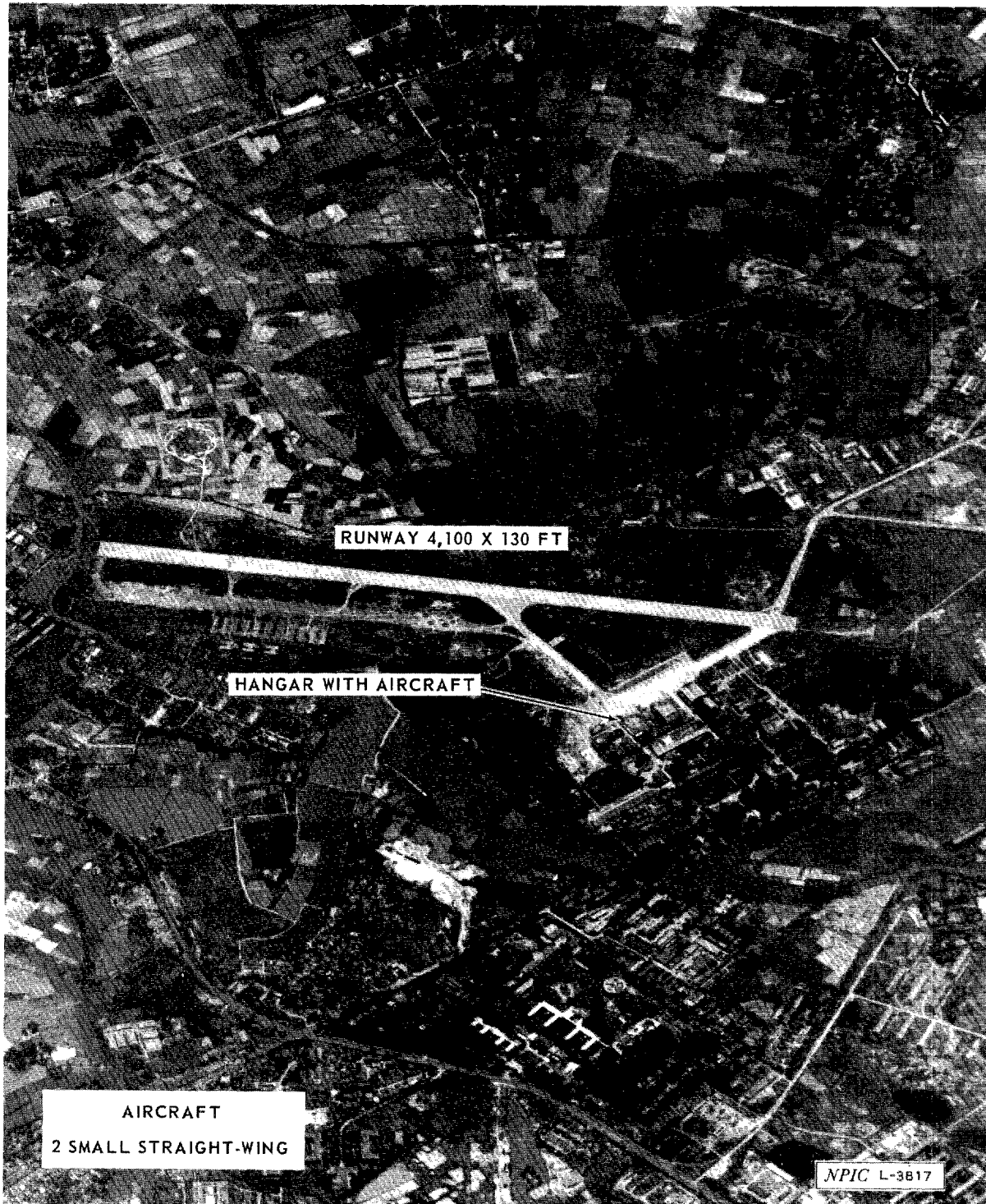
HAIPHONG/KIEN AN AIRFIELD, NORTH VIETNAM.

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NPIC/R-141/67

ATTACHMENT 3



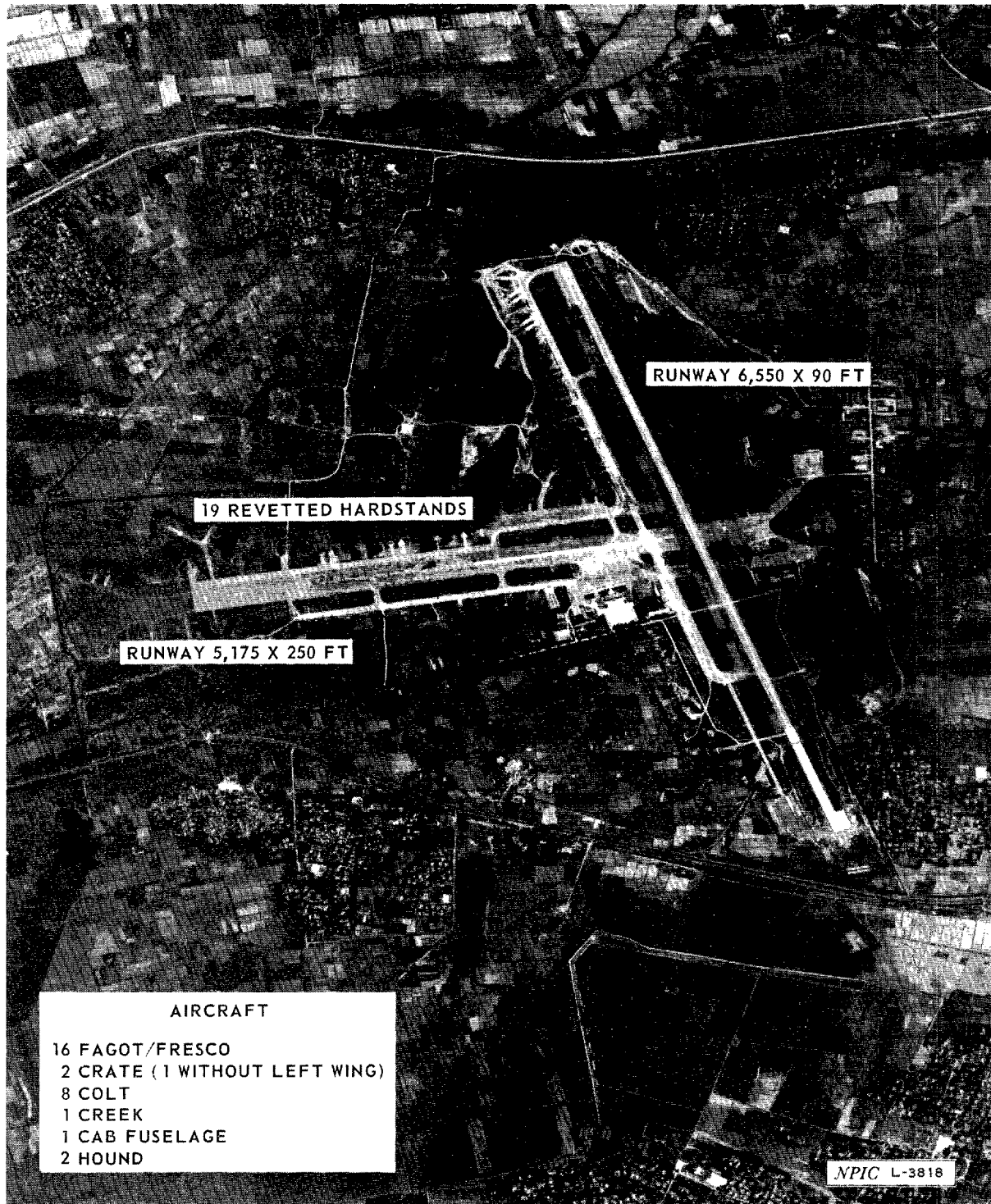
HANOI/BAC MAI AIRFIELD, NORTH VIETNAM.

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ATTACHMENT 4



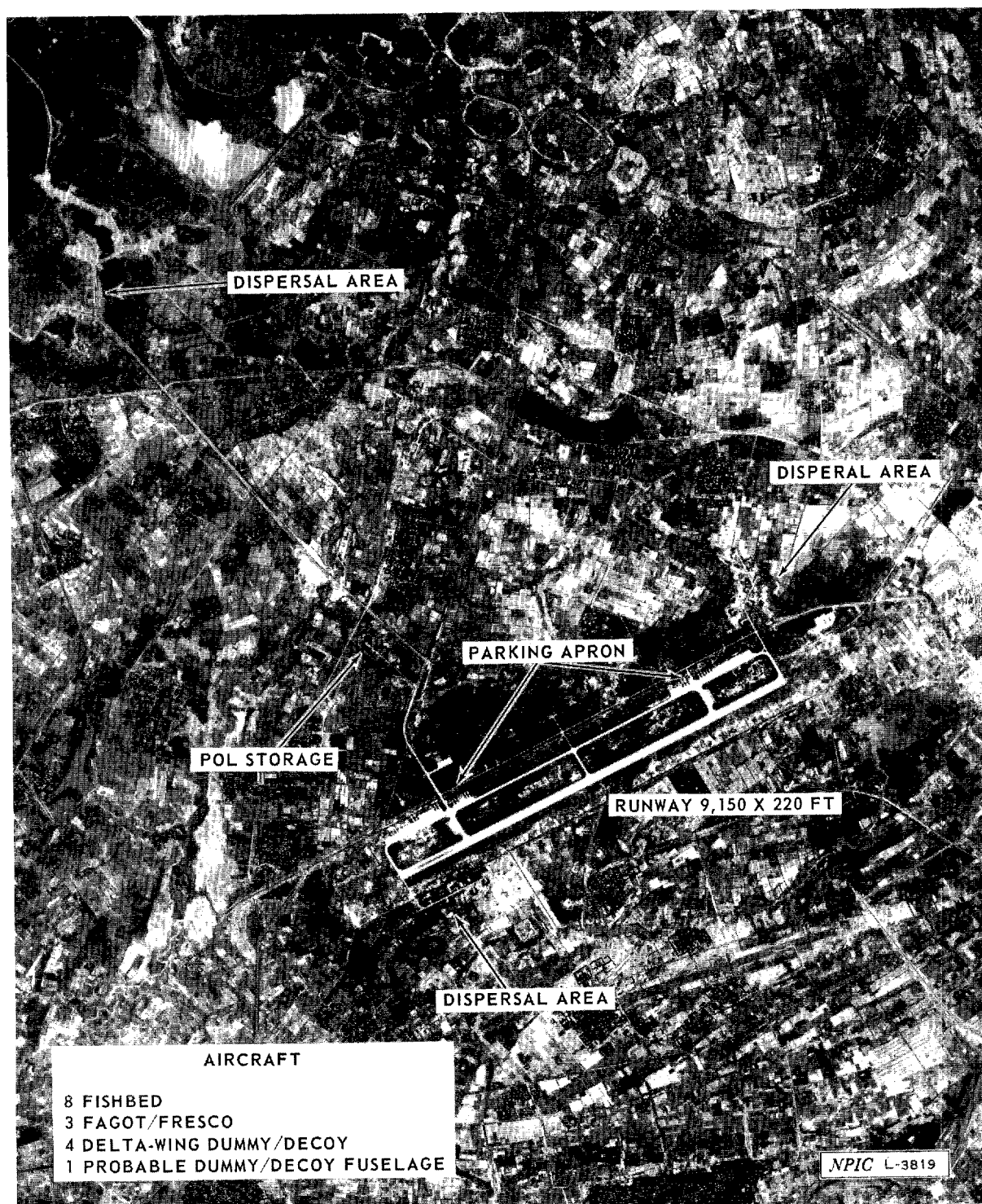
HANOI/GIA LAM AIRFIELD, NORTH VIETNAM.

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ATTACHMENT 5



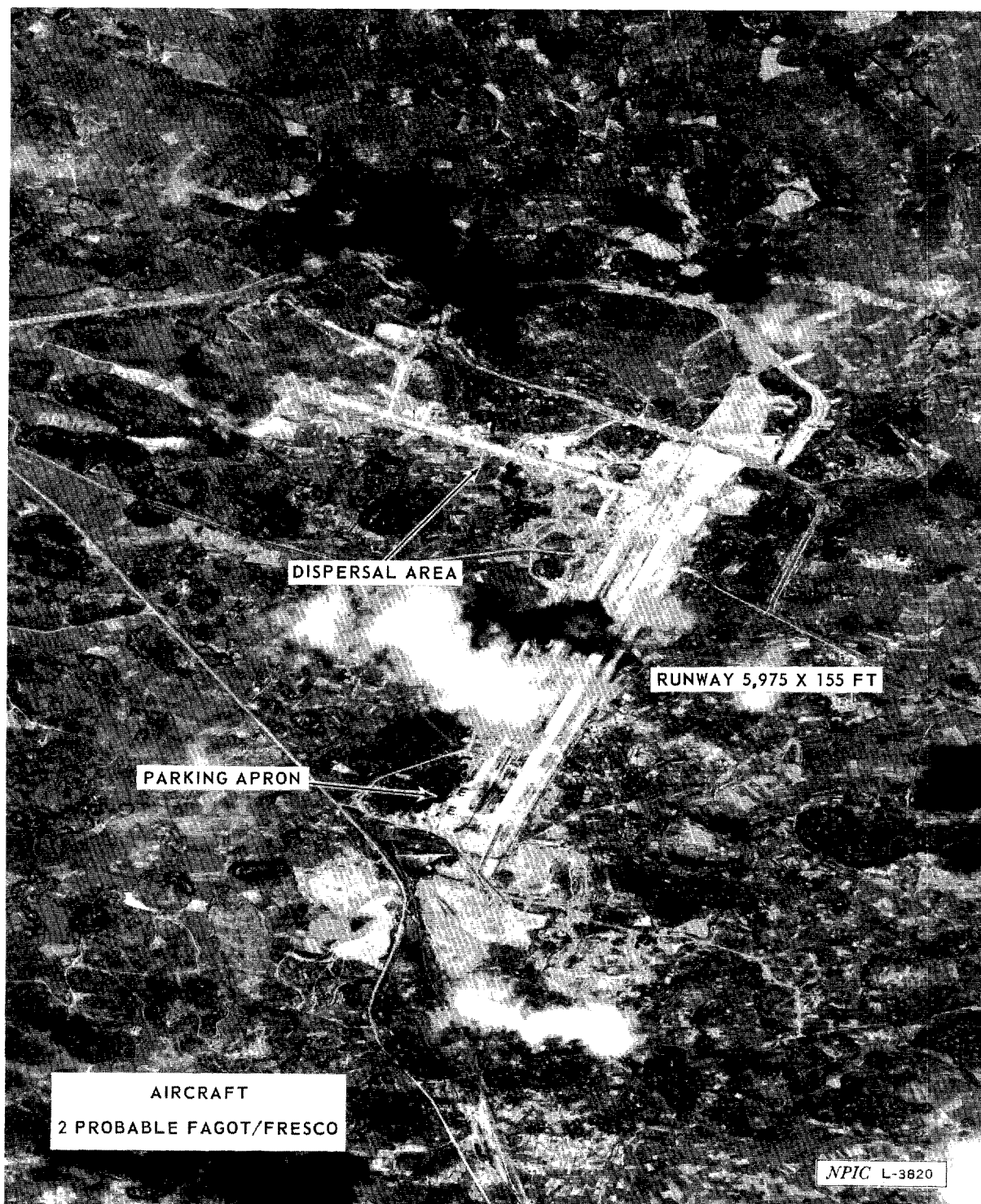
PHUC YEN AIRFIELD, NORTH VIETNAM.

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ATTACHMENT 6



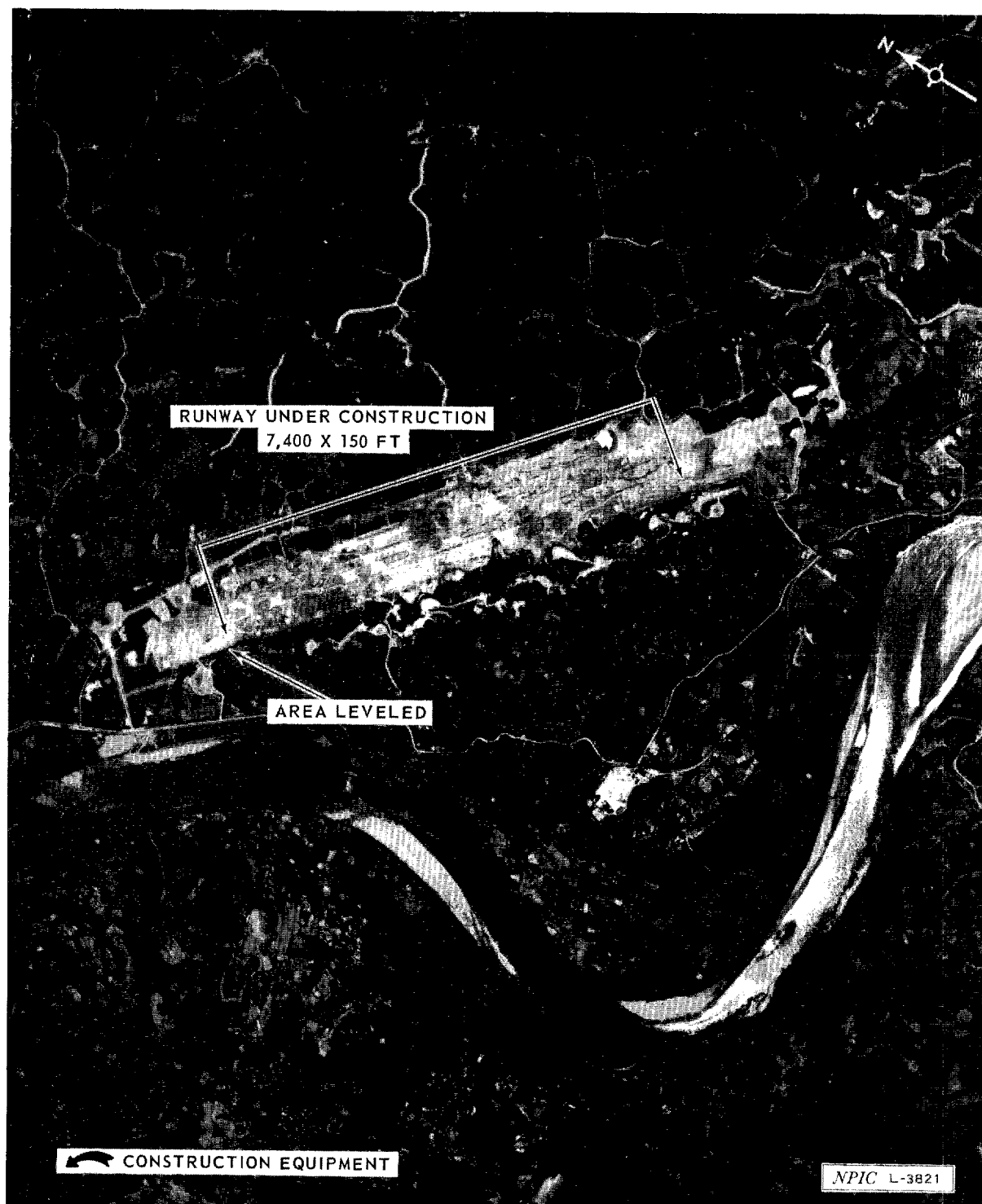
KEP AIRFIELD, NORTH VIETNAM.

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NPIC, R-141/67

ATTACHMENT 7



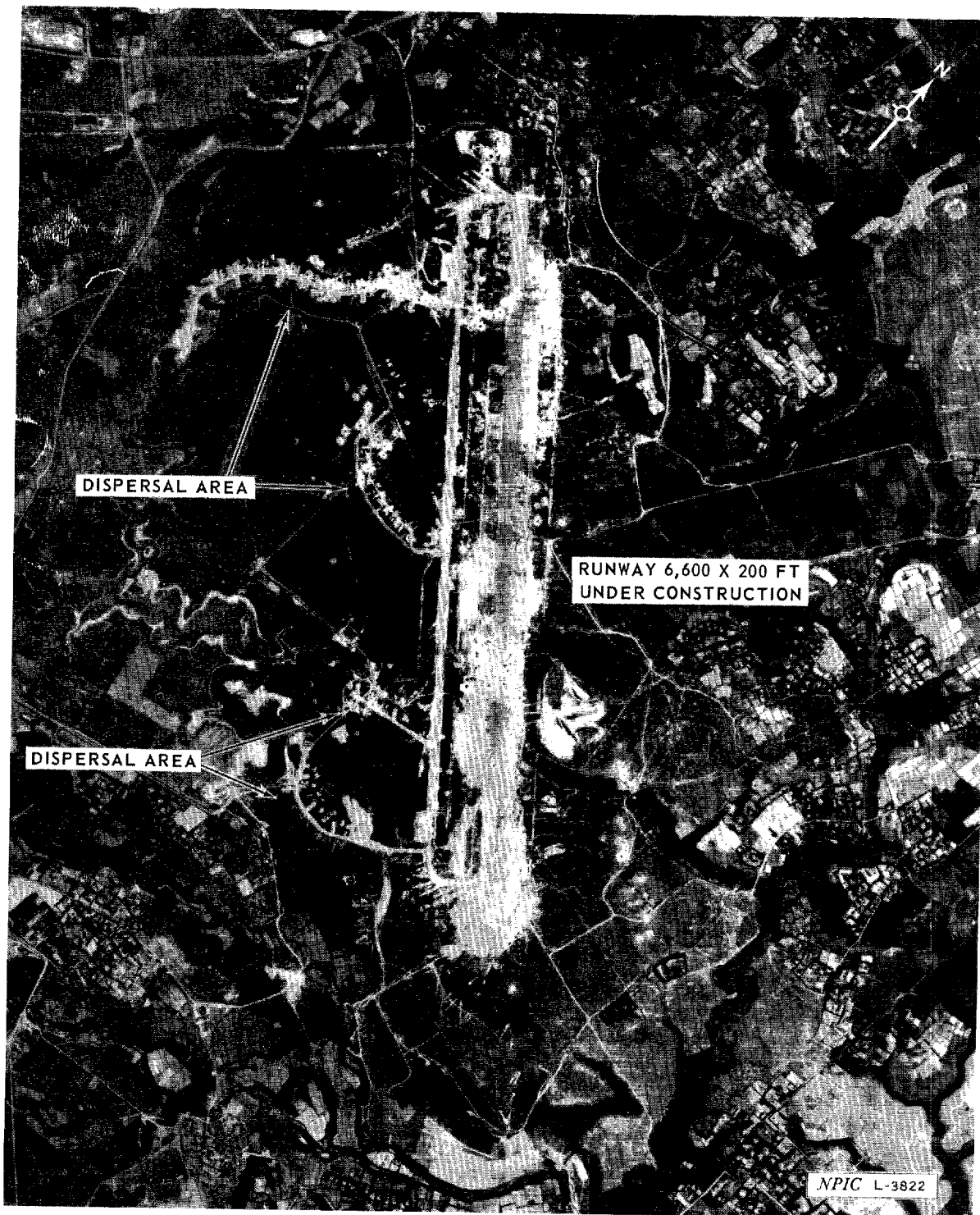
YEN BAI AIRFIELD, NORTH VIETNAM.

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ATTACHMENT 8



BAI THONG AIRFIELD, NORTH VIETNAM.

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